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Vol. 6 1967 No. 2

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The bulk of materials listed in the present issue was published in the period of time from December 1st, 1966, to February 28th, 1967

HISTORY OF EDUCATION

201. BOBROWSKA-NOWAK, WANDA. Przegląd polskich podręczników pedagogiki. (Review of Polish Textbooks on Pedagogy). Chowanna, X (XXI) 1966 No. 4 pp. 436-461.

A historical sketch on Polish textbooks on pedagogy written and published since the end of the 18th century up to the present.

202. DOBROWOLSKI, STANISŁAW and NOWACKI, TADEUSZ. Szkoły eksperymentalne w Polsce. 1900-1964. (Experimental Schools in Poland. 1900-1964). Warszawa, Nasza Księgarnia, 1966. 289 pp.

Contents:
1. B. Suchodolski. Introduction.
2. S. Dobrowolski. Realization of Educational Experiments in Poland in the Years 1900-1939.
3. T. Nowacki. Experiments Conducted in Polish Schools in the Years 1944-1964.

203. LASKIEWICZ, HENRYK. Wychowanie fizyczne w polskiej myśli pedagogicznej. (Physical Education in the Polish Pedagogical Theory). Wychowanie Fizyczne i Higiena Szkolna. XIV 1966 No. 10(120) pp. 1-8.

LAWS AND LEGISLATION

204. Komunikat w sprawie wydawnictw zatwierdzonych do użytku szkolnego. (Announcement Issued by the Ministry of Education of a List of Publications Recommended for School Use in May, 1966). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 9 Item 106.

205. Komunikat w sprawie wydawnictw zatwierdzonych do użytku szkolnego. Announcement of the Ministry of Education of a List of Publications Recommended for School Use in July, 1966). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 12 Item. 142.

206. Okólnik Nr 13 z dnia 11 sierpnia 1966 r. w sprawie zasad gospodarowania oraz zasad i trybu rozdziału niektórych artykułów pochodzących z nieodpłatnych dostaw zagranicznych. (Circular No. 13 Issued by

the Minister of Education, August 11th, 1966, concerning the Distribution of Some Products from Foreign Aid Program). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 12 Item 139.

207. Rozporządzenie Rady Ministrów z dnia 30 lipca 1966 r. w sprawie dodatków funkcyjnych i specjalnego dodatku pedagogicznego dla nauczycieli zatrudnionych w administracji szkolnej. (Ordinance Issued by the Council of Ministers, July 30th, 1966 concerning Special Pedagogical Premiums for Teachers Employed in School Administration).Dziennik Ustaw. 1966 No. 30 Item 182.

208. Zarządzenie Nr 83 Ministra Kultury i Sztuki z dnia 7 lipca 1966 r. w sprawie połączenia podstawowych szkół muzycznych z liceami muzycznymi. (Ordinance No. 83 Issued by the Minister of Culture and Art, July 7th, 1966, concerning Primary and Secondary Schools of Music). Dziennik Urzędowy Ministerstwa Kultury i Sztuki. 1966 No.5 Item 67.

209. Zarządzenie Nr 109 Ministra Kultury i Sztuki z dnia 25 sierpnia 1966 r. w sprawie utworzenia Państwowego Zaocznego Studium Oświaty i Kultury Dorosłych. (Ordinance No. 109 Issued by the Minister of Culture and Art, August 25th, 1966, concerning the Organization of an Extramural Course in Education and Culture for Adults). Dziennik Urzędowy Ministerstwa Kultury i Sztuki. 1966 No. 9 Item 82.

The ordinance includes the charter of the course regulating the following aspects of its program:

1. general rules,
2. aims and tasks of the course,
3. organizational structure of the course,
4. organization of the teaching process,
5. students,
6. finances.

210. Zarządzenie Ministra Oświaty z dnia 1 czerwca 1966 r. w sprawie organizacji świetlic dziecięcych i młodzieżowych w szkołach i innych placówkach oświatowo-wychowawczych. (Ordinance Issued by the Minister of Education, June 1st, 1966, concerning the Organization of Clubs for Children and Adolescents in Schools and other Educational Institutions). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 12 Item 132.

The ordinance includes an instruction as to the program of educational and social activities organized in youth clubs.

211. Zarządzenie Ministra Oświaty z dnia 15 czerwca 1966 r. w sprawie zaocznych studiów dla pracujących z zakresu dodatkowych specjalności kierunkowych w studium nauczycielskim dla nauczycieli, którzy już posiadają dyplom studium nauczycielskiego. (Ordinance Issued by the Minister of Education, June 15th, 1966, concerning Additional Extramural Studies for Teachers Who Are Graduates of Teachers Colleges). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 9 Item 98.

212. Zarządzenie Ministra Oświaty z dnia 22 czerwca 1966 r. w sprawie warunków wymaganych przy mianowaniu na stanowiska kierownicze w szkołach i innych placówkach oświatowo-wychowawczych, podległych Ministrowi Oświaty. (Ordinance Issued by the Minister of Education, June 22nd, 1966, concerning Requirements for the Positions of Headmasters in Schools and other Educational Centers Supervised by the Minister of Education). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 9 Item 103.

213. Zarządzenie Ministra Oświaty z dnia 1 lipca 1966 r. w sprawie statutu technikum przemysłowo-pedagogicznego. (Ordinance Issued by the Minister of Education, July 1st, 1966, concerning a Charter of the Industrial-Pedagogical Technical School). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No.10 Item 114.

The ordinance includes a charter of the school divided into following sections:

1. Aims and Tasks of the Industrial-Pedagogical Technical School.
2. Organizational Structure of the School.
3. Organization of Teaching and Educational Processes in the School.
4. Schoolmaster and Teachers' Council.
5. Teachers and other Employees of the School.
6. Pupils.
7. Youth Organizations.
8. Parents, Parents' Committee.
9. Boarding School.
10. School Laboratories.
11. Documentation.
12. Conclusions.

214. Zarządzenie Ministra Oświaty z dnia 19 września 1966 r. w sprawie regulaminu studiów dla pracujących w wyższych szkołach pedagogicznych. (Ordinance Issued by the Minister of Education, September 19th, 1966, concerning the Regulations for Adult Studies in Advanced Schools of Pedagogy). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 13 Item 153.

The Regulations contain the following sections:

I. Extramural Studies
   1. General Rules.
   2. School Year.
   3. Study Procedure.
   4. Examinations.
   5. Promoting and Expelling Students.
   6. Master's Thesis.
   7. Master Examinations.
   8. Dean's Leaves.
   9. Diplomas.
   10. Final Rules.

II. Evening Studies
   1. General Rules.
   2. Organization of Studies.
   3. Examinations.
   4. Promoting Students.

215. Zarządzenie Ministra Oświaty z dnia 10 października 1966 r. w sprawie regulaminu dla dyrektora studium nauczycielskiego. (Ordinance Issued by the Minister of Education, October 10th, 1966, concerning the Regulations for Headmasters of Teachers' Colleges). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 14 Item 163.

The Regulations for Headmasters of Teachers' Colleges contain the following sections:
1. General Directives.
2. Organization of Educational Work.
3. Students' Teaching Practice.
4. Organization of the College Life.
5. Students' Care.
6. Administration and Finances.
7. Directing the College.
8. The College Staff.

216. Zarządzenie Ministra Oświaty z dnia 10 października 1966 r. w sprawie wytycznych do pracy rady studenckiej, kierownika wydziału, rady wydziału i opiekuna oddziału w studium nauczycielskim. (Ordinance Issued by the Minister of Education, October 10th, 1966, concerning the Regulations for Teachers' College Authorities). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 14 Item 164.

The Regulations for Teachers' College Authorities contain the following sections:
1. The College Council.
2. The Head of the Department.
3. The Department Council.
4. Section Tutors.

217. Zarządzenie Ministra Oświaty z dnia 12 października 1966 r. w sprawie statutu liceum ogólnokształcącego. (Ordinance Issued by the Minister of Education, October 12th, 1966, concerning the High School Regulations). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 13 Item 154.

The Regulations contain the following sections:

1. Task and Aims of High Schools.
2. Organization of High Schools.
3. Organization of Teaching and Educational Process.
4. Headmaster and Teachers' Council.
5. Teaching and Administrative Staff of High Schools.
6. High School Students.
7. Youth Organizations.
8. Parents' Committee.
9. Administration and Finances.
10. Final Rules.

218. Zarządzenie Ministra Oświaty z dnia 31 października 1966 r. w sprawie nadania statutu Studium Doskonalenia Kadr Oświatowych. (Ordinance Issued by the Minister of Education, October 31st, 1966, concerning the Regulations for Colleges Training Educational Staff).Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 14 Item 167.

The Regulations contain the following sections:

1. Tasks of the College.
2. General Organizational Principles.
3. The College Headmaster.
4. The College Staff: Pedagogical, Administrative, and Other.
5. Administration and Finances.

219. Zarządzenie Nr 64 Przewodniczącego Głównego Komitetu Kultury Fizycznej i Turystyki i Ministra Oświaty z dnia 7 września 1966 r. w sprawie zasad finansowania ze środków "Totalizatora Sportowego" w latach 1966-1970 budowy i wyposażenia szkolnych urządzeń sportowych oraz eksploatacji tych urządzeń. (Ordinance No. 64 Issued by the Chairman of the Committee of Physical Culture and Tourism and the Minister of Education, September 7th, 1966, concerning the Rules of Financing School Sport Investments by the Sport Pool in the Years 1966-1970). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 12 Item 131.

220. Zarządzenie Nr 113 Ministrów Rolnictwa i Oświaty z dnia 30 czerwca 1966 r. w sprawie organizacji

praktyk uczniów szkół przysposobienia rolniczego w państwowych gospodarstwach rolnych w ramach szkolnych ochotniczych hufców pracy Związku Młodzieży Socjalistycznej i Związku Młodzieży Wiejskiej. (Ordinance No. 113 Issued by the Minister of Agriculture and the Minister of Education, June 30th, 1966, concerning the Organization of Practice Trainining for Students of Junior Agricultural Colleges Organized in State Farms by School Voluntary Work Brigades Formed by the Union of Socialist Youth and the Union of Rural Youth). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 10 Item 112.

221. Uchwała Nr 385 Rady Ministrów z dnia 12 grudnia 1966 r. w sprawie nadania statutu organizacyjnego Polskiej Akademii Nauk. (Resolution No. 385 Issued by the Council of Ministers, December 12th, 1966, Concerning the Charter of the Polish Academy of Sciences). Monitor Polski. 1966 No. 72 Item 334.

The Charter of the Polish Academy of Sciences determines the organization of the Academy and tasks and duties of the following sections of the Academy:
1. General Assembly,
2. President's Office,
3. Learned Secretary,
4. Administrative Secretary,
5. Departments,
6. Scientific Committees,
7. Local Centers.

222. Ustawa z dnia 11 listopada 1966 r. o utworzeniu urzędu Ministra Oświaty i Szkolnictwa Wyższego. (Act of November 11th, 1966, concerning the Office of the Minister of Education and Higher Education). Dziennik Ustaw. 1966 No. 47 Item 293.

Act of the Council of the State determines the organization of a new Ministry of Education and Higher Education, which is to take over the functions of two previously existing separate ministries, those of Education and of Higher Education.

GENERAL INFORMATION ON EDUCATION

223. JAROSIŃSKI, WITOLD. Wielkie zadania wychowawcze szkoły polskiej. (Great Educational Tasks of the Polish School). Ruch Pedagogiczny. VIII (XL) 1966 No. 4 pp. 361-370.
A speech delivered by Witold Jarosiński at the Seym (Polish Parliament) session on March 1st, 1966. The following problems were discussed:

1. schools prepare the young to their future life and work,
2. achievements of our educational system,
3. main tasks in the realization of the school reform,
4. the Social Fund for Building Schools and Boarding Schools,
5. teaching staff and the efficiency of teaching,
6. directing national education,
7. teaching and educating as the school functions,
8. developing political attitudes of the young.

224. LESZ, MIECZYSŁAW. Co należy zmienić? (What Should Be Changed?). Życie Warszawy. XXIII 1966 No. 294 (7195) pp. 3 and 5.

And article written by the First Vice-President of the Committee of Science and Technology on the need for the reform of work and organization of scientific research centers.

225. MOŃKA-STANIKOWA, ANNA. Planowanie oświatowe w działalności organizacji międzynarodowych.[R. E.] (Educational Planning in the Activities of International Organizations). Kwartalnik Pedagogiczny. XI 1966 No. 4(42) pp. 49-71.

A detailed report on educational activities planned by such international organizations as UNESCO, OCDE and CCC.The author also analyzes reasons of trends and tendencies in educational planning.

226. Narada kuratorów okręgów szkolnych i przewodniczących WKKFiT (Conference of School Inspectors and the Chairman of District Committees of Physical Education and Tourism). Wychowanie Fizyczne i Higiena Szkolna. XIV 1966 No. 8 (118) pp. 1-8.

Contents:

1. Basic tasks of district school authorities in the organization of physical education and sports for school pupils in the years 1966-1970.
2. Discussion.
3. Summing-up of the discussion by the Minister of Education, Mr. W. Tułodziecki.

227. Sprawozdanie na XXIX międzynarodową konferencję oświatową w Genewie, lipiec 1966. (Report for the 29th International Conference on Education in Genewa, July, 1966). Warszawa,Państwowe Zakłady Wydawnictw Szkolnych, 1966. 55 pp.
A report on the development of education in Polish People's Republic in the school year

1965-66, prepared for the International Conference on Education organized by the Office of International Education at the UNESCO, in July, 1966, in Geneva.

228. Utworzenie urzędu Ministra Oświaty i Szkolnictwa Wyższego. (Office of the Minister of Education and Higher Education). Głos Nauczycielski. 1966 No. 47 p.3.

A report on the Seym (Polish Parliament) session where the bill for the establishment of an office of the Minister of Education and Higher Education was passed. The new Ministry will supervise all primary secondary and advanced schools which have been under the supervision of two separate ministries, namely, these of Education and Higher Education.

229. Wojciechowski, Kazimierz. Sejm PRL o reformie szkolnej. (Seym on the School Reform). Ruch Pedagogiczny. VIII(XL) 1966 No. 4 pp. 472-479.

A report on the Seym (Polish Parliament) session devoted to the introduction of the school reform.
Includes the following sections:

1. Achievements and Results of Educational Policy.
2. Evaluation of Teachers' Work.
3. Introduction of 8-Year Obligatory Schooling.
4. The Reform of Secondary Schools.
5. Modernization of Teaching and Educational Methods.
6. Changes in the System of Teachers' Training.
7. Reorganization of the System of Supervising Education.
8. Social and Political Problems.
9. Summing-up the Seym Debate.

230. Wybór aktualnie obowiązujących przepisów w dziedzinie wychowania fizycznego i sportu w szkole. (Selection of Rules Regulating the Organization of Physical Education and Sports in Schools). Pomoc dla Praktyki in Wychowanie Fizyczne i Higiena Szkolna. XIV 1966 No. 9 pp. 53-58.

Contents:

1. Masses in Physical Education.
2. Extramural Activities.
3. Safety and Hygiene.
4. Teaching Aids and Gym Halls.
5. Qualifications of Physical Education Instructors.
6. Publications.

See also: 377.

SOCIAL AND EDUCATIONAL SCIENCES

231. BEREZOWSKI, EUSTACHY. Kilka uwag o urządzeniach technicznych w nauczaniu języków obcych. (Some Remarks on Technical Devices in Foreign Languages Teaching). Języki Obce w Szkole. X 1966 No.4(51) pp. 211-218.

The author presents various auditive, visual and audiovisual aids used in foreign languages teaching. Methods of employing them in teaching practice are also discussed.

232. BONKOWICZ - SITTAUER, JERZY. Dlaczego się nie uczą? (Why Don't They Study?) Polityka. X 1966 No. 46 (506) p. 4.

The author presents the results of a sociological investigation conducted by youth organizations in rural districts. The investigation was to establish reasons for insufficient interest in studies on part of rural youth.

233. BORNHOLTZOWA, ADELA. Warunki stosowania nauczania programowanego w historii. (Conditions for Applying Programmed Teaching of History). Kwartalnik Pedagogiczny. XI 1966 No. 3 (41) pp. 87-107.

A survey of various, Polish and foreign, research works on the programmed teaching method. The author discusses also the possibilities of applying this method to the teaching of history, which seems to be one of the most difficult subjects in the perception of modern students.

234. CICHOŃ, WŁADYSŁAW. Czy wystarczy wychowanie obywatelskie? (Is the Citizenship Education Sufficient Enough?) Życie Literackie. XVI 1966 No. 36 (762) pp. 1 and 7.

The author discusses the educational function of the school. The school should not only teach a certain amount of knowledge, but also develop certain desirable attitudes in pupils. In the new program of the reformed school, this function is to be fulfilled by citizenship education classes. The author, however, doubts the efficiency of this project, stating that it is impossible to give moral and ethical values in the regular course of teaching.

235. Czas wolny młodzieży a wychowanie. (Leisure Time of the Young and Education). Edited by Jadwiga Zaniewicka. Warszawa, Centralny Ośrodek Pedag. Szkoln. Artyst., 1966. 133 pp.

Contents:
1. M. Czajkowski. Problems of Leisure Time of Students of Secondary Artistic Schools.
2. J. Zaniewicka. Educational Possibilities of the Organization of Students' Leisure Time.
3. W. Röhrenschaf. Education in Drama Clubs.
4. S. Czajka. My Educational Method.
5. A. Bursche. Didactic and Educational Aspects of Roving Clubs.
6. S. Czajka. Roving Camps for School Pupils.

236. DĄBROWSKI, ZYGMUNT. Telewizja pomaga w uczeniu techniki. (TV Helps in Teaching Technology). Wychowanie Techniczne w Szkole. VI 1966 No. 7(52) pp. 205-222.

Contents:
1. The Role of TV Program in the Teaching Process.
2. Choice of TV Programs.
3. Educational Values of TV Programs.
4. Attractiveness of TV Educational Program.
5. TV Program in Technology.
6. Teaching Methods Employed in TV Programs.
7. Audio-Visual Form of TV Programs.
8. Conclusions.

237. FLESZNER, JÓZEF. Programowany kurs języka obcego. (Programmed Course in a Foreign Language). Kwartalnik Pedagogiczny. XI 1966 No. 4(42) pp. 99-113.

The author presents the results of his experiment in teaching a foreign language according to a programmed method. The report includes the following sections:
1. Presentation of the Experiment:
    a) language laboratory,
    b) program,
    c) preparation for and organization of a class,
    d) pupils' adjustment to new conditions of studies,
    e) individual approach.
2. Some Statistical Data.
3. Some Conclusions.

238. FRĄCZEK, ADAM. Modyfikacje koncepcji frustracji. (Modifications in the Conception of Frustration). Psychologia Wychowawcza. IX(XXIII) 1966 No. 1 pp. 42-56.

Contents:
1. Introduction.
2. Results of Frustration and Their Genesis.

3. Frustration and the Meaning and Intensity of Emotion.
4. Emotion and Further Behavior.
5. Conclusions.
6. Bibliography.

239. GEPPERT, MAKSYMILIAN. Rola niektórych operacji myślowych w procesie nauczania. (The Role of Some Thinking Processes in Teaching). Życie Szkoły. XXI 1966 No. 9 (233) pp. 1-7.

Contents:
1. Beginning of Thinking.
2. Thinking Processes in Teaching.
3. Analysis and Synthesis.
4. Comparison and Opposition.

240. GEPPERT, MAKSYMILIAN. Wpływ wychowawczy kina. (Educational Influence of the Cinema). Kraków, Państwowe Wydawnictwo Naukowe, 1966. 31 pp.

A book for teachers and parents o- the educational influence of the cinema on the development of children and adolescents.

241. IZDEBSKA, HELENA. Stan i potrzeby badań pedagogicznych nad współczesną rodziną polską. (Pedagogical Studies on the Modern Polish Family). Kwartalnik Pedagogiczny. XI 1966 No. 4 (42) pp. 87-97.

A report on the investigations on the model of the Polish family, conducted by various scientific institutions and centers. The author emphasizes the need for developing this research works, and their role in pedagogy.

242. JACUŃSKA-IWIŃSKA, MAŁGORZATA. Zależność pomiędzy rodzajem aktywności małego dziecka a rodzajem reakcji dorosłego na tę aktywność. [R.E.] (Relations between the Type of the Child's Activity and the Kind of Adults' Reaction to that Activity). Psychologia Wychowawcza. IX(XXIII) 1966 No. 5 pp. 512-523.

Contents:
1. The Role of the Adults' Reaction in the Development of the Child.
2. Research Method.
3. Relations between the Type of the Child's Activity and the Quantity of Adult's Reaction.
4. Relations between the Type of the Child's Activity and the Quality of Adults' Reaction.
5. Conclusions.

243. KALABIŃSKA, MARIA. Stosunek treści podręczników do stanu wiedzy obiektywnej i do programów nauczania w świetle współczesnej literatury. (Relations between Textbooks, Development of Science and Teaching Programs as Reflected in Literature on the Subject). Chowanna. X(XXI) 1966 No. 4 pp. 389-407.

Contents:
1. Teaching Programs and the Development of Science.
2. Textbooks and Teaching Programs.

244. KALINOWSKI, ADAM. Czy można skrócić czas nauczania ćwiczeń ruchowych. (How to Shorten the Teaching of Motoric Exercises). Wychowanie Fizyczne i Higiena Szkolna. XIV 1966 No. 9 pp. 12-15.

Contents:
1. Repetition of Motoric Exercises.
2. Aims of Repeating Exercises.
3. Methods of Teaching Motoric Exercises.
4. The Impact of Stimulating and Restraining Processes on the Results Obtained.
5. Conclusions.

245. KAZIOR, WŁADYSŁAW. Czy nasza młodzież umie się uczyć? (Do the Young Know How to Study?) Psychologia Wychowawcza. IX(XXIII) 1966 No. 5 pp. 532-536.

Contents:
1. Planning Study and Leisure Time.
2. Forms and Meaning of Work.
3. Methods of Book-Studies.
4. Individual and Collective Studies.
5. Principles of Good Organization of Studies.
6. Understanding and Memorising the Study Material.

246. KOMOROWSKI, BOGDAN. Język i logika w procesie dydaktycznym. [R.E.] (Language and Logic in the Teaching Process). Kwartalnik Pedagogiczny. XI 1966 No. 4(42) pp. 73-85.

Contents:
1. "Language" and its Meanings.
2. Structural Theory of the Language.
3. Linguistic and Logical Grammar.
4. Speaking and Thinking.
5. Cognitive Role of the Language.
6. Language and Logic.
7. Language and Collective and/or Individual Psyche.
8. Types of Statements in the Theory of Information.
9. Integration of Science in the Teaching and Educational Process.

247. KOZAKIEWICZ, MIKOŁAJ. Oświata drogą do likwidacji opóźnienia kulturalnego wsi. (The Role of Education in Liquidating Cultural Backwardness of the Country-Side). Nowa Szkoła. 1966 No. 10 pp. 11-15.

The author starts his article with the presentation of historical reasons for the cultural backwardness in rural districts, and then proceeds to a discussion on the role of education (especially the introduction of the 8-year obligatory schooling) in liquidating this undesirable phenomenon.

248. KOZAKIEWICZ, MIKOŁAJ. Pierwszy "Program Wychowania" (The First "Program of Education"). Zycie Warszawy. XXIII 1966 No. 268 (7169) p. 3.

A report on the Bydgoszcz experiment in educational policy. The Bydgoszcz City and Voievodship Council prepared an overall program of education which covers activities of schools, youth clubs, houses of culture,youth organizations and many other centers and institutions dealing in the problems of education.

249. KRUSZEWSKI, KRZYSZTOF. Nauczanie programowane. Próba definicji i niektóre mniej znane rodzaje programowania. [R.E.] (Programmed Teaching. Definitions and Methods of Programming). Psychologia Wychowawcza. IX(XXIII) 1966 No. 1 pp. 20-31.

The first part of the article is an attempt to give a definition of programmed teaching, the second presents a discussion of three methods of programming (J. A. Barlow's Conversational Chaining, T. Gibert's Mathematical Programs, the Michigan Successive Discrimination Programming).

250. Kultura Polski Ludowej. (Culture in the Polish People's Republic). Edited by Tadeusz Galiński. Warszawa, Państwowe Wydawnictwo Ekonomiczne, 1966. 441 pp.

Contents:
1. B. Leśnodorski. Meeting with History.
2. K. Grzybowski. Progressive Tradition of Polish Culture.
3. J. Iwaszkiewicz. On the Development of Culture in the Polish People's Republic.
4. B. Dąbrowski. Im Memory of the Lvov Meeting of Cultural Workers.
5. S. Żółkiewski. Cultural Policy.
6. H. Korotyński. The Press ...
7. H. Zatorska. ... and the Book.
8. R. Matuszewski. Literature.

9. W. Sokorski. Radio and TV.
10. L. Pijanowski. Film.
11. S.W. Balicki. The Theater.
12. M. Tomaszewski. Music.
13. J. Zamoziński. Fine Arts.
14. K. Pietkiewicz. Folkloric Art.
15. S. Lorentz. Museums.
16. A. Ciborowski. Architecture.
17. Z. Garstecki. Cultural and Educational Activity.
18. L. Motyka. Popularization of Polish Culture Abroad.
19. T. Kotarbiński. Culture and Science.
20. S. Dobosiewicz. General Education.
21. W. Michajłow. Higher Education.
22. W. Załuska. Artistic Education.
23. B. Kosterkiewicz. Cultural Chronicle. 1944-1965.

251. LEWIN, ALEKSANDER. Zachowanie społeczne uczniów w szkole. (Pupils' Social Behavior in School). Problemy Opiekuńczo-Wychowawcze. 1966 No. 10(163) pp. 4-6.

Contents:
1. Criteria for Evaluating Social Behavior.
2. Evaluation of Behavior of School Grades.
3. Hierarchy of Evaluating Criteria.

252. ŁOBOCKI, MIECZYSŁAW. Z czego cieszą się uczniowie w szkole? (What Do Pupils Enjoy in Schools?) Problemy Opiekuńczo-Wychowawcze. 1966 No. 10(163) pp. 21-23.

On the basis of the material obtained in the investigation the author was able to establish the following sources of pupils' enjoyment derived from their participation in the school life:
1. proper attitudes of the teacher,
2. given opportunities for learning new things,
3. various forms of school social activities,
4. sense of belonging to a social organism.

253. MAKIEŁŁO, GRAŻYNA. Psychospołeczne czynniki wykolejania się młodocianych dziewcząt. (Psychic and Social Factors of Maladjustment of Young Girls). Psychologia Wychowawcza. IX (XXIII) 1966 No. 1 pp. 57-65.

A report on an investigation on female juvenile delinquents. Includes the following sections:
1. Aims of Research and Research Methods.
2. Family and Educational Environment.
3. Intelligence Tests and School Progress.

4. The Problem of Vocational Adjustment and Attitude to Work.
5. Sexual Life of the Investigated.
6. Different Professions of Investigated Girls.
7. Conclusions.

254. MATCZAK, ANNA. Artykuły o problematyce psychologicznej opublikowane w czasopismach polskich w roku 1965. (Bibliography of Psychological Articles Published in the Polish Press in 1965). Psychologia Wychowawcza. IX(XXIII) 1966 No. 5 pp. 579-594.

Contents:
1. Psychology of the Child (developmental, educational, clinical).
2. General and Experimental Psychology.
3. History of Psychology.
4. Social Psychology.
5. Psychology of Religion.
6. Applied Psychology.

255. MUSZYŃSKI, HELIODOR. Niektóre problemy kształtowawania postaw patriotycznych dzieci i młodzieży. [R. E.] (Some Problems of Forming Patriotic Attitudes of Children and Adolescents). Kwartalnik Pedagogiczny. XI 1966 No. 3 (41) pp. 41-54.

Contents:
1. Subject and Aims of Patriotic Education.
2. Conditions of Modern Patriotic Education.
3. Scientific Bases of the Patriotic Education Program.

256. Nauki filozoficzne współdziałające z pedagogiką. (Philosophical Sciences in Cooperation with Pedagogy). Edited by Bogdan Suchodolski. Warszawa, Nasza Księgarnia, 1966. 409 pp.

Contents:
1. T. Czeżowski. Problems and Results of Logic and its Role in Solving Pedagogical Problems.
2. T. Kotarbiński. Praxiology and Its Practical Applicability.
3. J. Fleszner. Cybernetics in Pedagogy.
4. M. Fritzhand. Ethics and Pedagogy.
5. I. Wojnar. Esthetics and Pedagogy.
6. B. Suchodolski. Philosophy and Anthropology.

257. O intensyfikacji nauczania i wychowania. (Intensification of Teaching and Education). Edited by Wincenty Okoń. Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 312 pp.

Contents:
1. W. Okoń. Introduction.

2. S. Dobosiewicz. The School and the Socialist Education Model.
3. W. Okoń. Pupils' Studies and Their Activity.
4. S. Zujkow. Investigations on Pupils' Activity. Conducted by the Institute of Psychology in the USSR.
5. G. Neuner. Pupils' Activity and Their Attitudes.
6. M. Cipro. Teachers' Attitude to Pupils of Last Grades of Primary Schools.
7. I. Szkolszky. How to Develop Pupils' Activity.
8. J. Konopnicki. School Failures and Pupils' Activity.
9. K. Lech. Active Study Methods.
10. L. Bandura. Teaching Theory and Practice.
11. Cz. Kupisiewicz. Programmed Teaching and Pupils' Activity.
12. E. Flemming. Plans of Problem Classes.
13. W. Słodkowski. Reception of Literature.
14. T. Nowacki. Learning-Through-Work.
15. J. Skalkova-Prohazkova. Problems of Pupils' Activity.
16. E. Drefenstedt. Rational Methods of Planning a School Class.
17. H. Muszyński. Social Activity of Children and Adolescents.
18. D. Mirkovic-Lebl. The Role of Pupils' Self-Government in the Educational Process.
19. A. Kamiński. The Role of Pupils' Self-Government in the Social Development of the Young.
20. M. Kozakiewicz. Social and Intellectual Activity of the Young.
21. M. Kwiatowska and others. The Role of Art in the Development of the Young.
22. Z. Zaborowski. Reasons for Pupils' Social Activity.

258. Próba tworzenia systemu wychowawczego. (An Attempt for Forming a New Educational System). Edited by Aleksander Lewin. Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 203 pp.

A collective work presenting the organization and achievements of an experimental introduction of a new educational system to primary schools. The experiment was conducted in one of Warsaw primary school by teachers of the school and the staff of the Institute of Pedagogy.

259. PUKIANIEC, JANINA. Nieustanny kłopot z ocenami. (Difficulties of Grading). Nowa Szkoła. 1966 No. 10 pp. 37-40.

An article written by a practising teacher on problems connected with grading pupils' work. The author finds the popular method of grading pupils' work on the basis of their oral answers in class unsatisfactory, and proposes instead an introduction of written tests, covering the whole teaching material.

260. RACINOWSKI, SATURNIN. Problemy oceny szkolnej. (Problems of Grading). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 222 pp.

A book for teachers on methods of grading pupils' work, educational values of school grades and the influence of grading on pupils' school progress.

261. REMBOWSKI. JÓZEF. Postawy i ich związek z cechami osobowości. (Attitudes and Personality Traits). Kwartalnik Pedagogiczny. XI 1966 No. 4 (42) pp. 115-127.

1. Evolution of the Psychological Interpretation of the Attitude Notion.
2. Various Definitions of the Attitude Notion.
3. Determinants of Attitudes.
4. Attitudes and Cognitive Processes.
5. Attitude, Character, and Personality.

262. RUTKOWSKI, ROMAN. Oświata pozaszkolna. (Extramural Education). Warszawa, Wydawnictwo Związkowe Centr. Rady Zw. Zawod., 1966. 295 pp.

A book for teachers and educators presenting problems pertaining to the organization, program and aims of extramural education.

263. SKORZYŃSKA, ZOFIA. Funkcja oceny szkolnej. (Functions of the School Grade). Problemy Opiekuńczo-Wychowawcze. 1966 No. 9 (162) pp. 9-11.

Contents:

1. Various Functions of the School Grade.
2. School Grades and Physical Development of Children.
3. School Grades and Social Maturity of Pupils.
4. School Grades and Mental Development of Pupils.

264. STRELAN, JAN. Teoria osobowości z typologicznego punktu widzenia. [R. E.] (Theory of Personality from the Typological Point of View). Kwartalnik Pedagogiczny. XI 1966 No. 3(41) pp. 55-70.

Contents:
1. The Notion of Psychic Types.
2. Type as One of Basic Terms in the Psychology of Personality.
3. Divisions in the Typology of Personality.
4. The Role of the Notion of Type in the Psychology of Personality.

265. SUCHODOLSKI, BOGDAN. Oświata a gospodarka narodowa. (Education and National Economy). Warszawa, Wiedza Powszechna, 1966. 251 pp.

A book written by an outstanding specialist on education on interrelations between education and national economy. The need for highly trained specialists in the economic life of the country is discussed.

266. SZCZERBA, WIKTOR. Problemy wychowania patriotycznego w szkole Polskiej. [R. E.] (Problems of Patriotic Education in Polish Schools). Kwartalnik Pedagogiczny. XI 1966 No. 3(41) pp. 23-39.

Contents:

1. Introduction.
2. Aims of Education.
3. Patriotic Attitudes of the Young.
4. Determinants of the Patriotic Attitudes of the Young.

267. SZULC, ALEKSANDER. Intensyfikacja i ekstensyfikacja materiału językowego. (Intensive and Extensive Methods of Foreign Languages Teaching). Języki Obce w Szkole. X 1966 No. 3(50) pp. 144-150.

The author presents a history and analysis of intensive and extensive methods of teaching foreign languages. He also discusses conditions which allow the application of the intensiwe method in school practice.

268. WIATR, JERZY J. Socjologiczna problematyka narodu i ojczyzny. (Sociological Problems of Country and Nation). Kwartalnik Pedagogiczny. XI 1966 No. 3(41) pp. 13-22.

In connection with the school program of patriotic education the author tries to find new definitions of the terms: nation and country according to the Marxist theory of the development of societies.

269. WINCŁAWSKI, WŁODZIMIERZ. Integracja klasy szkolnej. (Integration of a School Grade). Psychologia Wychowawcza. IX(XXIII) 1966 No. 5 pp. 537-543.

Contents:
1. The School Grade as a Social Group.
2. The Problem of Integration in Small Social Groups.
3. Measuring the Integration of a School Grade.

270. WŁODARSKI, ZIEMOWIT. Percepcja a rozpoznawanie.[R.E.] (Perception and Recognition). Psychologia Wychowawcza. IX (XXIII) 1966 No. 1 pp. 32-41.

A report on the investigation on the ability to perceive and recognize. Research method, the problem investigated,and results obtained are presented.

271. WOJCIECHOWSKI, KAZIMIERZ. O Znak Q dla oświaty. (The Best Quality Mark for Education). Głos Nauczycielski. L 1966 No. 1 pp. 6 and 7.

A summing up of a discussion conducted in the columns of the Głos Nauczycielski weekly on the quality of teaching in our schools. All participants (mostly practising teachers) expressed the opinion that the results of school work should be judged by qualitative rather than quantative results (the number of pupils promoted to next grade).

272. ZABOROWSKI, ZBIGNIEW. Wpływ oddziaływania wychowawczego na tworzenie się postaw. (Educational Influence and the Development of Attitudes). Życie Szkoły. XXI 1966 No. 12 (236) pp. 1-5.

Contents:
1. Attitude and its Psychological Structure.
2. Development of Attitudes.
3. Changes of Attitudes.
4. Structural Determinants of Changed Attitude.

273. ZACZYŃSKI, WŁADYSŁAW. Pojęcie metody obserwacji, jej technika i granice poznawcze. (Observational Method. Definition, Techniques, Limitations). Ruch Pedagogiczny. VIII(XL) 1966 No. 4 pp. 406-412.

An analysis of observational method in scientific research. The author compares this method to the experimental one, presents technical innovations which increase the accuracy of observations, and discusses the role of this method in social and educational sciences.

274. ŻURAWICKI, SEWERYN. Czy ekonomika oświaty może stanowić odrębną naukę. (Are Economics of Education a Separate Branch of Science?). Nowa Szkoła. 1966 No. 10 pp. 8-10.

The author protests against a recent tendency of treating the economics of education as a separate branch of science. He finds this tendency in gross opposition to the humanitarian ideals of socialism. Education as well as health, physical education or art, cannot and should not be measured in terms of economic value, he says.

See also: 201, 202, 284, 287, 296, 301, 329, 337.

THE TEACHER'S PROFESSION

275. IV Krajowa Konferencja Sekcji Nauki. (The 4th conference of the Science Section of the Polish Teachers' Union). Głos Nauczycielski. 1966 No. 51 pp. 6-7.

A report on the 4th conference of the Science Section of the Polish Teachers' Union which took place in December, 1966. The conference was devoted to an analysis of the achievements of the section under the recent administration, and to the election of a new one.

276. MACIASZEK, MAKSYMILIAN. Sukcesy i porażki młodego nauczyciela. (Successes and Failures of a Young Teacher). Problemy Opiekuńczo-Wychowawcze. 1966 No. 9(102) pp. 1-6.

An article based on the material gathered in the questionaire-type research on the work of young teachers. Divided in the following sections:
1. successes of young teachers,
2. failures of young teachers,
3. educational failures,
4. failures in the child's care,
5. failures in the cooperation with parents,
6. disagreements with school authorities.

277. MAZIARZ, CZESŁAW. Proces samokształcenia. (The Process of Self-Instruction). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 199 pp.

A book for teachers on methods and forms of organizing a self-instruction program.

278. MERENA, JAROSŁAW. Egzamin kwalifikacyjny - problem ważny. (Important Problem of Examination for Teachers' Qualifications). Głos Nauczycielski. 1966 No. 46 p. 1.

An analysis of the organizational principles and aims of examinations for teachers on their professional qualifications.The author argues the necessity of reorganization of the examination system.

279. PAJKA, STANISŁAW. Znajomość ojczystego kraju u nauczycieli. (Teachers' Knowledge of Their Native Country). Ruch Pedagogiczny. VIII (XL) 1966 No. 4 pp. 429-436.

The author presents the results of his investigation on teachers' knowledge of their native country. The investigation was conducted in one country of Warsaw Voievodship, and as such cannot be really representative, yet it indicates the necessity of further research on this subject.

280. Poznańskie Plenum. (Plenary Meeting of the Polish Teachers' Union in Poznań). Głos Nauczycielski. 1966 No. 45 pp. 3 and 4.

A report on the Plenary Meeting of the Main Administration of the Polish Teachers' Union which took place in October 1966, in Poznań. The meeting was devoted to the problems of pedagogical progress and the quality of school educational work.

281. Uroczyste obchody Dnia Nauczyciela.(Celebrations of the Teacher's Day). Życie Warszawy. XXIII 1966 No. 277 (7178) pp. 1 and 5.

A press report on the central celebrations of the Teacher's Day, which included: a meeting of outstanding teachers with the President of the Council of the State, decorations of distinguished teachers with medals as awards, and a gala performance of "Aida" at the Wielki Theater of Opera and Ballet. A Summary of the speech delivered on this occassion by the Minister of Education and Higher Education, Professor H. Jabłoński is included.

282. WYTRĄŻEK, BOLESŁAW. Od samokontroli do mistrzostwa pedagogicznego. (From Self-Criticism to Pedagogical Mastery). Życie Szkoły. XXI 1966 No. 9(233) pp. 7-11.

Constant attempt to improve one's qualifications is one of the teacher's main duties.The author sees the way to achieve this goal in the highly developed sense of self-criticism which enables the teacher to control and appraise the results of his work.

See also: 207, 211,212, 213, 214, 215, 216, 283

SCHOOLS AND INSTITUTIONS
(by type or level)

Preschool

283. KRUK, HELENA. O odczytach pedagogicznych wychowawczyń przedszkoli, nieco informacji i uwag. (Some Information on Pedagogical Lectures by Nursery School Instructors). Wychowanie w Przedszkolu. XIX 1966 No. 11 (199) pp. 502-508.

Contents:
1. What Is a Pedagogical Lecture?
2. Statistical Data.
3. Analysis of the Lectures Program.
4. Conclusions and Proposals.
5. How Should a Pedagogical Lecture Be Prepared.

284. MILLER, ROMANA. Dziecko i jego teatr. [R. E.] (The Child and Its Theatre). Psychologia Wychowawcza. IX(XXIII) 1966 No. 5 pp. 489-511.

The author presents the results of an investigation on the children's reception of and reaction to the dramatic art as represented by puppet-theatres. The investigation was conducted by the Chair of Pedagogy at the Teachers' Training College in Gdańsk.

285. MUSZYŃSKI, HELIODOR. Główne etapy społeczno-moralnego rozwoju dziecka. (Phases in the Social and Moral Development of a Child). Wychowanie w Przedszkolu. XIX 1966 No. 10 (198) pp. 441-448.

Contents:
1. Morality of the Preschool Age.
2. Morality of the School Age.
3. Morality of Adolescence.
4. Conclusions.

286. Placówki wychowania przedszkolnego w świetle przepisów. (Preschool Education Centers). Edited by Jadwiga Sławecka. Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 568 pp.

A collection of legal and official rules regulating the organization and activity of various centers of preschool education in Poland.

287. TROJANOWSKA, BARBARA. Jak przygotowaliśmy dzieci do szkoły. (Children's Preparation for School). Wychowanie w Przedszkolu. XIX 1966 No. 10(198) pp. 449-456.

A report on an investigation on the preparation of children from nursery school to their future school career. Includes following sections:

1. Results of an Introductory Investigation Conducted by School Enrollment Boards.
2. Preschool Centers.
3. Preschool Centers Program.
4. Results of the Preschool Centers Work.

288. WOŹNICKA, ZOFIA. Przedszkole wiodące - ważny czynnik doskonalenia systemu wychowania przedszkolnego. (The Role of Leading Nursery Schools in the Preschool Education System). Wychowanie w Przedszkolu. XIX 1966 No. 11(199) pp. 481-489.

Contents:

1. Role and Tasks of Leading Nursery Schools.
2. Character of Leading Nursery Schools.
3. Organization of Leading Nursery Schools.
4. Assistance Offered by Authorities to Leading Nursery Schools.
5. Kinds of Leading Nursery Schools.

289. WOŹNICKA, ZOFIA. U progu nowego roku szkolnego. (On the Threshold of the New School Year). Wychowanie w Przedszkolu. XIX 1966 No. 9(197) pp. 385-390.

Contents:

1. Network of Preschool Education Centers.
2. Organization and Legal Status of Nursery Schools.
3. Investigation on the Activity of Nursery Schools.

290. WÓJCIK, EUGENIA. Kilka uwag o urządzeniu przedszkolnej sali. (Some Remarks on the Arrangement of the Nursery School Hall). Wychowanie w Przedszkolu. XIX 1966 No. 9 (197) pp. 400-406.

The author presents a plan for the arrangement and organization of the interior of a nursery school. She describes the interior of her nursery school arranged according to safety measures, children's needs, the size of the school, and esthetical norms.

Primary

291. BAJEROWA, IRENA. Wskazówki metodyczne do nauczania języka polskiego w kl. VIII. (Methods of Teaching Polish in the 8th Grade). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 58 pp.

A book for teachers of Polish language on the methods of teaching Polish grammar in primary schools. Plans of model lessons are included.

292. BANDTKE, KARINA. *Wiadomości o rzeźbie w wychowaniu plastycznym.* (Sculpture in the Program of Artistic Education). Plastyka w Szkole. VI 1966 No. 9(54) pp. 176-188.

The school program of artistic education includes lectures on the history of art and classes in the analysis of a work of art. The author presents her method of discussing sculpture as an artistic discipline.

293. COFALIK, JAN. *Analiza krytyczna współczesnych podręczników do języka polskiego.* (Critical Analysis of Polish Language Textbooks). Chowanna. X(XXI) 1966 No. 4 pp. 408-417.

An attempt at critical evaluation of the Polish language textbooks for higher grades of the reformed primary school. The author also makes certain suggestions for the further improvement of the standard of the native language teaching.

294. CZEKAJOWSKI, RYSZARD. *Problemy dydaktyczne architektury wnętrza pracowni klasy pierwszej.* (Arrangement of the Interior of a Classroom for the First Grade). Życie Szkoły. XXI 1966 No. 9 (233) pp. 13--22.

The author presents a plan for the organization and interior decoration of a classroom for the first grade of primary school. The plan is based on a careful analysis of the physical and psychic needs of the 7-year old children.

295. DRYJAŃSKI, JAN. *Realizacja reformy w pełnych szkołach z klasami łączonymi.* (Realization of the School Reform in Village Primary Schools). Klasy Łączone. IX No. 5/6 pp. 204-211.

Contents:
1. Obligatory 8-year Schooling.
2. Organization of Educational Work in One-Teacher Schools.
3. Teaching Methods.
4. Textbooks.
5. Teaching Aids.
6. Conclusions.

296. JUNDZIŁŁ, IRENA. *Aktywizacja dziecka w procesie wychowania.* (Activation of Children in the Educational Process). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 150 pp.

A book for primary school teachers on the methods of forming children's social activity and ways of developing their ability for active participation in the life of the community.

297. KAMIŃSKI, ALEKSANDER. Aktywizacja i uspołecznienie uczniów w szkole podstawowej. (Forming Active Social Attitudes of Primary School Pupils). 2nd Edition. Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 198 pp.

A book on the methods of organizing educational work aiming at the development of social attitudes and an ability for active participation in the life of the community in the pupils of primary schools.

298. KOZAKIEWICZ, MIKOŁAJ. Między ewidencją a szkołą. (Official Records and School Duties). Życie Warszawy. XXIII 1966 No. 298 (7199) pp. 3 and 5.

The author discusses the results of an investigation conducted by the Supreme Chamber of Control on the number of children who do not attend primary schools. The figures obtained do not differ from those in official records of educational authorities, yet reasons given for abstention are in several cases not sufficient and should be re-examined.

299. KULIGOWSKA, KRYSTYNA. Badania, wyniki, wnioski. (Results and Conclusions of Research Works).Głos Nauczycielski. 1966 No. 5 pp. 1 and 8.

The author presents the results of an investigation on the quality of teaching in primary schools. The investigation was conducted in grades 5-7 in 1000 primary schools in the country, and was to establish the standard of pupils' school progress.

300. KULIGOWSKA, KRYSTYNA. O realizacji reformy szkolnictwa w szkołach z klasami łączonymi. (Realization of the School Reform in One-Teacher Schools). Klasy Łączone. IX 1966 No. 5/6 pp. 195-201.

Contents:
1. Number of One-Teacher Schools.
2. Teaching in One-Teacher Schools (as determined by the school program).
3. Educational Difficulties in One-Teacher Schools.
4. How to Improve Results of Educational Work in One-Teacher Schools.

301. KUZOWA, JÓZEFA. Nauczanie problemowe w zespołach

w klasie I. (Group Problem Teaching in the First Grade). Zycie Szkoły. XXI 1966 No. 12 (236) pp. 14-21.

A report on an experimental introduction of problem teaching into the first grade of primary schools. The author of the experiment, a practising teacher, presents methods used and results obtained in the course of problem teaching of first-graders.

302. LEWICKA, JANINA and CZAJKOWSKI, STANISŁAW. Zajęcia plastyczne w klasach V-VIII. (Artistic Education in Grades 5-8). Warszawa, Nasza Księgarnia, 1966. 189 pp.

A book for teachers on the methods and forms of conducting classes in artistic education (drawing and handicrafts) in the higher grades of primary schools.

303. NAGRABECKI, ANTONI. Przykład lekcji z audycją telewizyjną. (A Class with the TV Program). Geografia w Szkole. XIX 1966 No. 5 (102) pp. 211-217.

An article on methods of using TV programs in teaching geography in primary school. Consists of the following sections:
1. introduction,
2. teacher's preparation for the class,
3. pupils' preparation for the class,
4. watching the TV program,
5. studying the material presented in the TV program,
6. assignments,
7. the plan of the class.

304. O wychowaniu estetycznym w szkole podstawowej. (Education in Esthetics in Primary Schools). Edited by Irena Słońska. Warszawa, Nasza Księgarnia, 1966. 300 pp.

Contents:
1. A. Chmielewska. Problems of Education in Esthetics.
2. J. Putowska. School Interior.
3. W. Bierzyńska. Esthetics of Everyday Life.
4. A. Sokołowska. School Parties.
5. K. Racinowski. School Decorations.
6. J. Konopka. Nature as Inspiration of Esthetic Experience.
7. J. Borowicz. The Role of Excursions in the Education in Esthetics Program.
8. B. Radziwiłł. School Exhibitions.
9. P. Śliwko. In Our School.
10. I. Słońska. Conclusions.

305. PASIERBIŃSKI, TADEUSZ. Szkoła powszechna. (Primary School). Argumenty. X 1966 No. 47 (441) pp. 1 and 4-5.

The author discusses the new character of primary education in Poland changed according to the socialist principles of education. The role of cooperation between educational institutions and the rest of the society in the development of education is presented.

306. STAWIŃSKI, WIESŁAW and MADEJ, ZDZISŁAW. Rozważania nad wartością nowych podręczników (kl. V-VIII) do nauczania biologii w 8-klasowej szkole podstawowej. (Critical Analysis of Biology Textbooks for Grades 5-8 of Primary Schools). Chowanna. X(XXI) 1966 No. 4 pp. 418-426.

Contents:
1. Correlation between the Program Material and the Contents of Textbooks.
2. The Structure of Textbooks.
3. Form and Contents of Textbooks.
4. Educational Values of Textbooks.
5. Illustrations and Graphical Form.
6. Ways of Using Textbooks.

307. TOKARSKI, JAN. Gramatyka w szkole. Podstawowe zagadnienia metodyki. (Methods of Teaching Grammar). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 230 pp.

A book for teachers of Polish language on the methods of teaching Polish grammar in primary schools. Plans of model lessons are included.

308. TROJANOWSKA, ANNA. Wyobrażenia plastyczne. (Plastic Imagination). Plastyka w Szkole. VI 1966 No. 7 (52) pp. 133-137.

Contents:
1. Visual Elements Appealing to the Senses.
2. Processes in the Artist's Imagination.
3. Recipient's Imagination.

309. WESTWALEWICZ, ANNA. Rozważania nad współczesnymi podręcznikami matematyki dla klas V-VIII szkoły podstawowej. (Critical Analysis of Mathematics Textbooks for Grades 5-8 of Primary School). Chowanna. X(XXI) 1966 No. 4 pp. 427-435.

Contents:
1. The Model of Mathematics Textbook.
2. Criteria of Evaluating Mathematics Textbooks.
3. Educational Values of Mathematics Textbooks for Grades 5-7 of Primary Schools.

310. WOJCIECHOWSKI, KAZIMIERZ. Po pierwszym etapie. (After the First Stage). Głos Nauczycielski. L.1967 No. 3 pp. 1 and 4-5.

A report on the conference of school inspectors organized by the Ministry of Education and Higher Education, in January, 1967. The subject of the conference was an analysis of the introduction of the 8th grade to the primary school program, and preparation for the new school year.

311. ZANIEWICKA, JADWIGA. Jak samemu urządzić pracownię wychowania plastycznego. (How to Organize an Artistic Education Studio in School). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 98 pp.

A book for teachers of artistic education in primary schools containing advice as to the methods of organizing a school artistic studio. A list of required equipment and teaching facilities is included.

312. ZARZECKA, CELINA. Nauczanie języka polskiego w klasach łączonych.V-VIII. (Teaching the Polish Language in Grades 5-8 in One-Teacher Schools). Klasy Łączone. IX 1966 No. 5/6 pp. 235-241.

The article is based on the author's teaching experience. Contains advice as to the methods of teaching the Polish language in one-teacher schools. Plans of model lessons in grades 5-8 are included.

313. Z moich doświadczeń na lekcjach języka polskiego w klasie V. (Teaching Polish in the 5th Grade). Edited by Zbigniew Książczak. Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 146 pp.

Contents:
1. Z. Książczak. Introduction.
2. A. Zaworowa. Reading Lists.
3. D. Książczak. Poetry Appreciation.
4. A. Urbaniak. Exercises.
5. M. Nagaj. Vocabulary Exercises.
6. T. Przybylska. Teaching Spelling.

314. ŻOŁNIERKIEWICZ, JERZY. Aktualne problemy sportu szkolnego. (Present Problems of School Sport). Wychowanie Fizyczne i Higiena Szkolna. XIV 1966 No. 7 (117) pp. 1-6.

An article written by the Director of the Department of Physical Education and Tourism at the Ministry of Education on the following problems pertaining to the role of sport in schools:

1. school sport clubs,
2. school sport competitions,
3. School Sport Union,
4. extramural organizations of physical culture.

See also: 229, 287, 377.

Secondary

315. BOGDAŃSKA-ZAREMBINA, ANNA. Pojęcia i symbolika chemiczna w procesie uczenia się. (Chemical Symbols and Notions in the Process of Studying). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 111 pp.

A book prepared at the Institute of Pedagogy on methods of teaching and studying chemistry in secondary schools.

316. KOTARBIŃSKI, TADEUSZ. Humanistyka w szkole średniej. [R. E.] (The Humanities in High Schools). Kwartalnik Pedagogiczny. XI 1966 No. 3 (41) pp. 3-12.

An article written by an outstanding Polish philosopher and scholar, Professor T. Kotarbiński, on the role of humanities in education. In the age of a growing role of technology, humanities are often neglected in school programs. The author argues the necessity of stopping this tendency and restoring the place of humanities in the teaching process.

317. KWIATKOWSKI, ZBIGNIEW. O aktualności klasyków, czyli o internatach. (On the Realism of Classic Literature, or on Boarding Schools). Życie Literackie. XVI 1966 No. 44 (770) pp. 5 and 9.

An article on the situation of high school students from rural districts. These students live either in boarding schools or rent rooms in private houses where the living and study conditions are far from ideal. This situation, vaguly reminiscent of that presented in classic Polish literature of 50 years ago, should not be tolerated by school authorities, argues the author, and presents possible remedial means.

318. MARTYNIAK, HENRYKA. Rola ćwiczeń w nauczaniu języka francuskiego. (The Role of Exercises in Teaching French). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 46 pp.

A book for teachers on methods of teaching French in high schools. Plans of model lessons are included.

319. PELCOWA, MARIA. Prace społeczne uczniów szkół średnich. (Social Works of High School Pupils). Problemy Opiekuńczo-Wychowawcze. 1966 No. 10 (163) pp. 9-11.

Contents:
1. Forms of Social Work.
2. Value of Social Works.
3. Pupils' Preferment for Specific Social Works.
4. Aims and Organization of Social Works.
5. Time Devoted to Social Works.

320. POLNY, ROMAN. Niektóre aktualne problemy liceum ogólnokształcącego w Polsce Ludowej. (Some Problems of General High Schools in Poland). Kwartalnik Pedagogiczny. XI 1966 No. 3 (41) pp. 119-139.

The author discusses the character and role of general high schools in the modern world. He analyzes the main function of this type of schools: preparation for further advanced studies, presents some statistical data illustrating the development of secondary education in Poland, and discusses the situation of high school alumni who cannot or do not want to continue their studies. The last part of the article is a survey of the achievements of experimental high schools.

321. PREJBISZ, ANTONI. Nowe programy języków obcych dla szkół średnich ogólnokształcących. (New Programs of Foreign Languages for High Schools). Języki Obce w Szkole. X 1966 No. 4 (51) pp. 229-235.

The author presents a critical analysis of new programs of foreign languages which are to be introduced to the reformed secondary school. He points out several shortcomings to the programs, and argues the necessity of further discussion on the subject.

322. Projekt programu przedmiotu Wychowanie Techniczne w zreformowanym liceum ogólnokształcącym. (Project of a Program of Technical Education in the Reformed High School). Wychowanie Techniczne w Szkole. VI 1966 No. 8 (53) pp. 249-265.

Introductory remarks to a new program of technical education in the reformed high school. Tasks of technical education are discussed, program material presented.

323. SMÓLSKA, JANINA and ZAWADZKA, ANNA. Język angielski 1: Nauczanie gramatyki metodą ustną. (English Language. Part 1: Teaching Grammar by the Oral Method). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 138 pp.

The first book in the series on methods of teaching English to high school students. Contains information for teachers on the oral method of teaching grammar.

324. WĘGRZYNOWICZ, JACEK. Założenia i charakterystyka programu nauczania techniki w zreformowanym liceum ogólnokształcącym. (Program of Technical Education in the Reformed High School). Wychowanie Techniczne w Szkole. VI 1966 No. 8 (53) pp. 242-248.

The author discusses a new program of technical education for the reformed high school. Aims of this subject connected with the role of technology in the modern world are presented.

See also: 217.

Vocational

325. DĄBROWSKI, ZYGMUNT. Telewizja pomaga w uczeniu techniki. (TV Helps in Teaching Technology). Wychowanie Techniczne w Szkole. VI 1966 No. 7 (52) pp. 205-222.

Contents:
1. The Role of TV Program in the Teaching Process.
2. Choice of TV Programs.
3. Educational Values of TV Programs.
4. Attractiveness of TV Educational Program.
5. TV Program in Technology.
6. Teaching Methods Employed in TV Programs.
7. Audio-Visual Form of TV Programs.
8. Conclusions.

326. DOBROWOLSKI, ZBIGNIEW. Pomoce naukowe do nauczania informacji technicznej i ekonomicznej. (Teaching Aids for Popularizing Technical and Economic Information). Warszawa, CIINTE, 1966. 22 pp.

A list of books, bibliographies and other publications popularizing technical and economic information.

327. GESSEK, ZBIGNIEW. O poprawność metodyczną w nauczaniu chemii. (Appropriate Methods of Teaching Chem-

istry). Chemia w Szkole. XII 1966 No. 5 (66) pp. 235-241.

The author discusses methods of teaching chemistry in vocational chemical schools. He compares traditional and experimental methods recommending the latter to practising teachers.

328. GODLEWSKI, MICHAŁ. Podstawowe kierunki reformy szkolnictwa zawodowego. [R. E.] (Basic Trends in the Reform of Vocational Education). Ruch Pedagogiczny. VIII (XL) 1966 No. 4 pp 371-391.

Contents:
1. New Terminology in Vocational Education.
2. Organizational Changes in the Vocational Education System.
3. Training Qualified Workers.
4. Farmers' Training.
5. Training Staff for Food Industry.
6. Secondary Vocational Schools.

329. KOWALCZYK, WŁADYSŁAW. Postęp pedagogiczny w szkolnictwie zawodowym. (Pedagogical Progress in Vocational Education). Szkoła Zawodowa. 1966 No. 10 (271) pp. 4-7.

The author presents possibilities of introducing pedagogical innovations and new teaching methods into vocational schools. He discusses in particular: programmed teaching, modern methods of foreign languages teaching, and the problem method of teaching vocational subjects.

330. KRAWCZYK, MIRON. Kształtowanie właściwego stosunku młodzieży wiejskiej do zawodu rolnika. (Forming Proper Attitudes of Rural Youths to the Farmer's Profession). Szkoła Zawodowa. 1966 No. 10 (271) pp. 21-26.

Contents:
1. Reasons for Diverse Attitudes of Rural Youths to the Farmer's Profession.
2. Needs for Workers in Modern Agriculture.
3. The Problem of Social Maladjustment of Rural Youths.
4. Investigation on the Attitude of Junior Agricultural Colleges Students to Their Future Profession.
5. The Problem of the Delayed Technical Progress in Agriculture.

331. KRZYŻEWSKI, REMIGIUSZ. Koszty kształcenia w przedsiębiorstwach uspołecznionych. (Cost of Training Staff in the Nationalized Economy). Warszawa 1966. 11 pp.

A paper delivered at the conference on the economics of education, which was organized by the Ministry of Higher Education in May, 1966. The author discusses financial problems of training staff in the nationalized economy.

332. KUBERSKI, JERZY and WOŁCZYK, JERZY. Szkoła zawodowa w wielkim mieście. (Vocational School in a Big City). Warszawa, Książka i Wiedza, 1966. 145 pp.

Selected problems pertaining to the role of vocational schools in big cities. The authors present various opinions on the subject.

333. KULAWIŃSKI, KAROL and KUSZTRA, GRZEGORZ. Poradnik dla nauczycieli, kierowników, dyrektorów szkół rolniczych oraz pracowników administracji szkolnictwa rolniczego. (Directory for Teachers, Headmasters and other Staff Employed in Agricultural Schools). Warszawa, Ministerstwo Rolnictwa, 1966. 549 pp.

The authors present and analyze laws and regulations pertaining to agricultural education issued till the end of 1964.

334. LOTA, JERZY. Instruktaż w praktycznej nauce zawodu. (Practical Training in Vocational Education). Szkoła Zawodowa 1966 No. 12 (273) pp. 21-23.

The author discusses various forms of practical training organized for pupils of vocational schools. They include collective and individual instruction in school workshops and laboratories, as well as practice training in factories and other enterprises.

335. MALINOWSKI, TADEUSZ. O niektórych związkach pomiędzy kształceniem a wytwórczością. [R.E.] (Relations between Education and Production). Ruch Pedagogiczny. VIII(XL) 1966 Nr. 4 pp. 392-405.

The author discusses interrelations between education and production. Highly-qualified specialists prompt the modernization of productive processes, the progress of technology necessitates reforms of teaching programs and educational system.

336. MEISSNER, KRZYSZTOF. Szkolenie dla potrzeb wzornictwa przemysłowego. (Training Industrial Designers). Wychowanie Techniczne w Szkole. VI 1966 No. 9 (54) pp. 283-288.

An article written by an engineer and an artist on the necessity of the cooperation between the two professions he represents in industrial designing. The author also proposes new ways of educating and training future industrial designers.

337. Prace naukowo-badawcze w zakresie teorii kształcenia zawodowego. (Scientific Research Works in the Theory of Vocational Education). Szkoła Zawodowa. 1966 No. 10 (271) pp. 8-11.

A new column in the Szkoła Zawodowa monthly presenting plans for research works on the theory of vocational education. This issue conains two reports: one by Professor Ignacy Szaniawski on the works conducted by the Chair of the Theory of Polytechnical and Vocational Education at Warsaw University, the other by Professor Jan Bartecki on the works conducted by the Chair of Pedagogy at the Main School of Agriculture.

338. PRZYJEM[illegible]KI, JERZY. Pierwsze próby w zakresie programowanego nauczania matematyki w uczelni wyższej przeprowadzone na Wydziale Chemii U.W. (First Attempts to Introduce the Programmed Method of Teaching Mathematics at University at the Department of Chemistry of Warsaw University). Kwartalnik Pedagogiczny. XI 1966 No. 3 (41) pp. 109-117.

A report on the experimental introduction of the programmed method of teaching mathematics at the Department of Chemistry of Warsaw University. The author presents the organization, program and results of the experiment,as well as students' opinions on and reception of this method of teaching.

339. SOSNOWSKI, TEOFIL. Wyższe szkolnictwo zawodowe. (Advanced Vocational Education). Szkoła Zawodowa. 1966 No. 10 (271) pp. 12-16.

An analysis of statistical data pertaining to the development of advanced vocational education in Poland after the 2nd World War.The system of vocational studies is discussed, and developmental plans presented.

340. TARCZYŃSKI, W. Podbudowa szkolnictwa zawodowego. (Preparation for Vocational Schools). Szkoła Zawodowa. 1966 No. 12 (273) pp. 16.20.

Contents:
1. Developmental Tendencies in Foreign Systems of Vocational Education.
2. 8 year Primary School in Poland as a Preparation for Vocational Training.

341. TUŁODZIECKI, WACŁAW. O szkołach przysposobienia rolniczego. (Junior Agricultural Colleges). Nowa Szkoła. 1966 No. 10 pp. 2-7.

An article written by the Minister of Education on the history, organization and program of junior agricultural colleges, special vocational training courses for young farmers. Plans for the reform of junior agricultural colleges are discussed.

342. ŻABCZYŃSKI, STEFAN. Jak prowadzić zajęcia praktyczne w gospodarstwach rolnych. (How to Organize Practical Training for Students of Junior Agricultural Colleges). Szkoła Zawodowa.1966 No. 12 (273) pp. 27-29.

An article on the following forms of practical training for students of Junior Agricultural Colleges:
1. competition in raising of crops and breeding of cattle,
2. school gardens,
3. practice training in nationalized farms,
4. practice training in parents' farms,
5. social works.

343. ZIELIŃSKI, ZYGMUNT. Szkoła zawodowa w okresie przygotowania i wprowadzania reformy.(Preparation for the Introduction of the Vocational School Reform). Szkoła Zawodowa. 1966 No. 12 (273) pp. 8-15.

An article written by the Director of the Department of Vocational Schools at the Ministry of Education and Higher Education on the following problems connected with the preparation for the introduction of the vocational school reform:
1. various forms of vocational education,
2. practical training in laboratories and workshops,
3. vocational specializations,
4. experimental introduction of the reform.

344. ZIELIŃSKI, ZYGMUNT. Założenia reformy szkoły zawodowej. (Vocational School Reform). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1966. 90 pp.

The author presents aims and organizational principles of the forthcoming reform of vocational education in Poland. He also discusses causes of the reform and the increasing importance of vocational schools in the modern world.

See also: 208, 213, 220, 391.

Higher

345. BATOROWICZ, ZDZISŁAW. W poszukiwaniu właściwych metod pracy na studium zaocznym. (In Search of Appropriate Methods of Work at Extramural Courses). Życie Szkoły Wyższej. XIV 1966 No. 10 pp. 22-29.

On the basis of results obtained in an investigation on the methods of teaching and studying at extramural courses, conducted at the Institute of Geography at Łódź University the author proposes a thorough reorganization of this type of studies. He argues the necessity of preparing adult students for independent work, or in other words, of teaching them how to study.

346. BOROWSKA, JANINA. Egzamin. (Examination). Trybuna Ludu. XIX 1966 No. 328 (6437) p. 4.

Another article on the problems connected with university entrance examinations. The author tries to discover reasons of discrepancies between the school grades of the candidates, and the results of their entrance examinations, which lie, according to her, in different methods of teaching in secondary and advanced education.

347. DZIUK, ZDZISŁAW. Informator dla ubiegających się o przyjęcie na I rok studiów wieczorowych i zaocznych Politechniki Śląskiej w Gliwicach. W r. szk. 1966/67. (Directory for Candidates for Evening and Extramural Studies at Silesian Polytechnic in Gliwice, in the School Year 1966-67). Gliwice, 1966, 42 pp.

348. GOTOWSKI, BOGDAN. Nauka i potrzeby kraju. (Science and the Needs of the Country). Życie Warszawy. XXIII 1966 No. 314 (7215) p. 3.

A short summing up of a discussion conducted in the columns of the Życie Warszawy daily on the role of science in the modern world. The participants (mainly scientists, scholars and organizors of education) discussed problems of the efficiency of science and various functions of scientific institutions.

349. Informator. Akademia Medyczna w Warszawie. Na r. ak. 1966/67. (Directory of the Medical Academy in Warsaw for the Academie Year 1966/67). Warszawa, 1966. 157 pp.

350. Informator dla młodzieży szkół średnich ubiegającej się o przyjęcie na I rok studiów dziennych Poli-

techniki Śląskiej w Gliwicach w roku szkolnym 1966/67. (Directory for High School Alumni Applying for Acceptance to Day Studies at the Silesian Polytechnic in Gliwice in the School Year 1966-67). Gliwice, 1966. 64 pp.

351. Informator Nauki Polskiej. 1966. (Directory of Polish Science). Edited by Jerzy Kozłowski. Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 539 pp.

352. Informator o kierunkach studiów na Politechnice Łódzkiej. (Directory of Łódź Polytechnic). Łódź, 1966, 74 pp.

353. Informacje o organizacji studiów w Uniwersytecie Jagiellońskim (Directory of the Organization of Studies at the Jagiellonian University). Kraków, 1966. 29 pp.

354. JABŁOŃSKI, HENRYK. Przemówienie na inauguracji działalności Rady Głównej nowej kadencji 1966-1969. (Adress to a New Main Council of Higher Education for 1966-1969). Życie Szkoły Wyższej. XIV 1966 No. 9 pp. 3-8.

A speech delivered by the Minister of Higher Education at the first meeting of a newly-elected Council of Higher Education. The Minister shortly discussed works completed by the previous council, and pointed out problems pertaining to the development of higher education in Poland which are to be solved by the new body.

355. KAMIŃSKI, MARIAN. Działalność Rady Głównej Szkolnictwa Wyższego w kadencji 1963-1966. (Activities of the Main Council of Higher Education in the Years 1963-1966). Życie Szkoły Wyższej. XIV 1966 No. 9 pp. 9-19.

A report given by the Secretary of the Main Council of Higher Education on various activities of the Council in the last three years, presented at the meeting of the Council, in June, 1966. The Council is a collective advisory body which participates in all works pertaining to the organization and development of higher education in Poland.

356. MAZURKIEWICZ, EDWARD. Przewodnik ogólny. Dla studentów 1 r. wyższych zawodowych studiów ekonomicznych. R. ak. 1966/67. (Directory for Freshmen of Vocational Studies in Economics for the Academic Year 1966-67). Warszawa, 1966. 36 pp.

357. O nauce polskiej. (On Polish Science). Argumenty. X 1966 No. 30 (424) pp. 2-3.

An interview with Professor Józef Hurwic, an editor-in-chief of the Problemy (a periodical devoted to the popularization of science), on the achievements of Polish scientists, and on problems pertaining to the development of Polish science.

358. IV Plenum ZG ZMS. (The 4th Plenary Meeting of the Main Administration of the Union of Socialist Younth). Warszawa, 1966. 101 pp.

Contents:
1. I. Gajnowski. Studies and Social Involvement of High School Students.
2. A. Żabiński. Vocational and Social Careers of Graduates of Secondary and Vocational Schools.
3. H. Rakoczy. The Role of the Union of Socialist Youth in Universities.

359. Po co i jak szkolimy artystów. (How are Artists Trained and Why). Kultura. IV 1966 No. 38 (171) pp. 1 and 4-5.

A report on a discussion organized by the Kultura weekly on the following problems connected with artists' training:
1. Does the Academy of Fine Arts in Warsaw prepare students for a definite profession?
2. Does the Academy of Fine Arts prepare students for fruitful creative work?
3. Do artistic schools prepare for future life in the community?
4. How far youth organizations participate in the education of art students?

360. Programy ekonomicznych studiów magisterskich dla kierunku: Ekonomika pracy i polityka społeczna. (Program of Graduate Studies for the Economy of Labor and Social Policy Majors). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 76 pp.

Program of graduate studies in the economy of labor and social policy prepared by the Ministry of Higher Education for advanced schools of economics.

361. Programy ekonomicznych studiów magisterskich dla kierunku: Gospodarka miejska. (Program of Graduate Studies in Economics for the Municipal Administration Majors). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 69 pp.

Program of graduate studies in Municipal Administration prepared by the Ministry of Higher Education for advanced schools of economics.

362. Programy ekonomicznych studiów magisterskich dla kierunku: Ekonomika transportu morskiego. (Program of Graduate Studies in Economics for the Economics of Sea Trade). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 81 pp.

Program of graduate studies in the economics of sea trade prepared by the Ministry of Higher Education for advanced schools of economics.

363. Programy studiów wyższych szkół rolniczych. Wydział ekonomiczno-rolniczy. (Study Program of Advanced Schools of Agriculture: Department of Economy of Agriculture). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 215 pp.

Program of studies in the economy of agriculture prepared by the Ministry of Higher Education for advanced schools of agriculture.

364. Programy studiów wyższych szkół rolniczych. Wydział rybactwa morskiego i oddział rybactwa śródlądowego. (Study Program of Advanced Schools of Agriculture: Department of Deep-sea Fishing and Chair of Inland Fishery). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 222 pp.

Program of studies in deep-sea fishing and inland fishery prepared by the Ministry of Higher Education for advanced schools of agriculture.

365. Programy studiów wyższych szkół rolniczych: Wydział leśny. (Study Program for the Department of Forestry of Advanced Schools of Agriculture). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 204.

Program of advanced studies in forestry prepared by the Ministry of Higher Education for advanced schools of agriculture.

366. Programy studiów wyższych szkół rolniczych. Wydział zootechniczny. (Study Program for the Department of Zootechnology of Advanced Schools of Agriculture). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 177 pp.

Program of advanced studies in zootechnology prepared by the Ministry of Higher Education for advanced schools of agriculture.

367. Programy studiów wyższych szkół rolniczych. Wydział technologii rolno-spożywczej i wydział mleczarski. (Study Programs for the Departments of the Technology of Food, and of Dairy Products of Advan-

ced Schools of Agriculture). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 249 pp.

Programs of advanced studies in the technology of food and dairy products prepared by the Ministry of Higher Education for advanced schools of agriculture.

368. Programy studiów wyższych szkół rolniczych. Wydział melioracji wodnych. (Programs of Studies at the Departments of Amelioration At Advanced Schools of Agriculture). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 213 pp.

Programs of studies in amelioration prepared by the Ministry of Higher Education for advanced schools of agriculture.

369. Programy studiów wyższych szkół rolniczych. Wydział ogrodniczy. (Programs of Studies of the Department of Gardening at Advanced Schools of Agriculture). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 271 pp.

Program of studies in gardening prepared by the Ministry of Higher Education for advanced schools of agriculture.

370. Programy studiów wyższych szkół rolniczych: Wydział geodezji urządzeń rolnych. (Programs of Studies of the Department of Geodesy and Agricultural Implements at Advanced Schools of Agriculture). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 127 pp.

Program of studies in geodesy and agricultural implement prepared by the Ministry of Higher Education for advanced schools of agriculture.

371. Programy ramowe studiów magisterskich dla kierunku Architektury. (Program of Graduate Studies in Architecture). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 55 pp.

A program of graduate studies for architecture majors prepared by the Ministry of Higher Education for polytechnics (technical universities).

372. Programy ramowe studiów magisterskich dla kierunku: Geodezja i kartografia. (Framework Programs of Graduate Studies in Geodesy and Cartography). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 121 pp.

Program of graduate studies in geodesy and cartography prepared by the Ministry of Higher Education for polytechnics (technical universities).

373. Programy ramowe studiów magisterskich dla kierunku Elektrotechnika. (Program of Graduate Studies in Electrotechnology). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 79 pp.

Program of graduate studies in electrotechnology prepared by the Ministry of Higher Education for polytechnics (technical universities).

374. Programy ramowe i plany studiów. Filologia germańska. (Framework Programs and Study Plans in German Philology). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 79 pp.

375. PRZECISZEWSKI, TADEUSZ. O pracach MZ Bn SzW na temat kosztów kształcenia w szkolnictwie wyższym. (Costs of Training at Advanced Level Investigated by the Institute of Research on Higher Education). Życie Szkoły Wyższej. XIV 1966 No. 10 pp. 71-83.

A report on the investigation conducted by the Institute of Research on Higher Education on the costs of advanced training. Research methods are presented and some results, illustrated by statistical data, analyzed.

376. RADOMSKI, STEFAN. A. VI Kongres Zrzeszenia Studentów Polskich. (6th Congress of the Polish Students'Association). Kwartalnik Pedagogiczny. XI 1966 No. 3 (41) pp. 207-215.

A report on the 6th Congress of the Polish Students' Association which was organized in January, 1966. The Congress summed up political, ideological and social activities of the Association in the past three years.Final resolutions of the Congress contain plans and directives for further educational, scientific, economic and cultural work.

377. RADOMSKI, STEFAN A. Oświata i szkolnictwo wyższe w Polsce w roku 1965/66. (Education and Higher Education in Poland in the School Year 1965-66). Kwartalnik Pedagogiczny. XI 1966. No. 3 (41) pp. 225-236.

Contents:
1. Development of Education and the Realization of the School Reform.
2. Adult Education.

3. Changes in the Organization and Program of Higher Education.
4. Social and Educational Achievements of Various Organizations and Institutions.

378. RAJKIEWICZ, ANTONI. O zatrudnieniu absolwentów szkół wyższych. (Employment of University Graduates). Nowe Drogi. XX 1966 No. 8 (207) pp. 83-91.

The author discusses the present policy and system of employing university graduates. He points out how this system can be improved thus becoming more profitable both for the graduates and the national economy.

379. ROKOSSOWSKI, ZBIGNIEW. Szkolenie techników - chemików a postęp w przemyśle chemicznym. (Training Technicians of Chemistry and Progress in Chemical Industry). Chemia w Szkole. XII 1966 No. 4 (65) pp. 179-187.

Contents:
1. Achievements of Polish Chemical Industry.
2. Main Trends in Technical Progress.
3. The Role and Duties of Technicians in Industry.

380. SKIBIŃSKI, STANISŁAW. Szkolnictwo wyższe i placówki naukowo-badawcze województwa katowickiego w XX-leciu PRL. (Higher Education in the Katowice Voievodship after World War II). Katowice, 1966. 127 pp.

A survey of the achievements and development of higher education (universities, technical universities, research institutes, etc.) in the Katowice Voievodship in the years 1944-1964.

381. Skład osobowy. Uniwersytet Jagielloński. Za r. ak. 1965/66. (Teaching Staff Index of the Jagiellonian University for the Academic Year 1965-66). Kraków, 1966. 213 pp.

382. Skład osobowy i plan studiów. Politechnika Gdańska w r. ak. 1966/67. (Program and Teaching Staff Index of Gdańsk Polytechnic (Technical University) for the Academic Year 1966-67). Gdańsk, 1966. 256 pp.

383. Skład osobowy i program wykładów. Politechnika Częstochowska. R. ak. 1966/67. (Program and Teaching Staff Index of the Częstochowa Polytechnic). Edited by Zbigniew Mrowiński and Zbigniew Żmigrodzki. Częstochowa, 1966. 216 pp.

384. Skład osobowy i spis wykładów. Akademia Sztuk Pięknych w Warszawie. W r. ak. 1964/65. (Program and

Teaching Staff Index of the Academy of Fine Arts in Warsaw in the Academic Year 1964/65). Warszawa, 1965. 67 pp.

385. Skład osobowy i spis wykładów. Wyższa Szkoła Rolnicza w Krakowie. R. ak. 1966/67. (Program and Teaching Staff Index of the Advanced School of Agriculture in Cracow for the Academic Year 1966-67). Kraków, 1966. 135 pp.

386. Skład osobowy i spis wykładów. Wyższa Szkoła Rolnicza we Wrocławiu. Na r. ak. 1965/66-1966/67. (Program and Teaching Staff Index of the Advanced School of Agriculture in Wrocław for the Academic Years 1965-66-1966-67). Edited by Janina Obmińska and others. Wrocław, 1966. 217 pp.

387. Sprawozdanie z działalności wychowawczej w Politechnice Warszawskiej. (Report on the Educational Activity of Warsaw Polytechnic). Warszawa, 1966. 80 pp.

Contents:
1. E. Wolniewicz. Forms and Organization of Educational Work at Warsaw Polytechnic (Technical University).
2. Z. Pączkowski. Cooperation with Students' Organizations in Educational Work.
3. R. Aleksandrowicz. Education in Students' Dormitories.

388. Studenci cudzoziemcy studiujący w wyższych uczelniach Polskiej Rzeczypospolitej Ludowej w r. szk. 1965/66. (Foreign Students Enrolled in the Institutions of Higher Education in the Polish People's Republic in the Academic Year 1965-1966). Edited by Henryk Bęcki. Warszawa, 1966. 21 pp.

An informative and statistical bulletin on foreign students enrolled in Polish universities and other institutions of higher education in the academic year 1965-66.

389. SZEFLER, STANISŁAW and WIDERSZPIL, STANISŁAW. Dyscypliny społeczne w politechnikach. (Social Sciences at Polytechnics). Życie Szkoły Wyższej. XIV 1966 No. 10 pp. 54-59.

A detailed analysis of a program of "humanization" of technical studies, i.e. an introduction of social sciences (philosophy, political economy, political sciences, economics, the theory of work) into the curriculum of engineering studies.

390. WOJTCWICZ, TERESA. *Studium Administracji i jego studenci.* (A Course in Public Administration and Its Students). Życie Szkoły Wyższej. XIV 1966 No. 10 pp. 30-10.

A presentation of an organization and program of a graduate course in public administration. The course was organized two years ago at the Department of Law at Warsaw University, and is to train,or improve the qualifications of managers, directors and executives of state institutions.

391. *Wykłady telewizyjne dla studentów I roku wyższych technicznych studiów zawodowych dla pracujących.* (TV Lectures for Freshmen of Advanced Technical Studies for Adults). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 48 pp.

Program directory on study methods, and secondary literature to a series of TV lectures organized under the supervision of the Ministry of Higher Education for freshmen of advanced technical studies for adults.

392. ZAREMBA, PIOTR. *Studia podyplomowe w zakresie planowania przestrzennego dla słuchaczy krajów rozwijających się.* (Post-Graduate Studies in Spacial Planning for Students from Developing Countries). Życie Szkoły Wyższej. XIV 1966 No. 10 pp. 41-47.

The author presents organization and program of postgraduate study course in spacial planning at Szczecin Polytechnic (Technical University). The course, organized for the first time last year, for 18 students from Asian and African countries proved entirely successful.

See also: 214, 221, 224, 338, 339, 393, 394.

Adult

393. *O miejsce na górze.* (For Room at the Top). Polityka. X 1966 No. 33 (493) pp. 1 and 6-7.

A report on the discussion organized by the *Polityka* weekly on the role and organization of studies for adults, an increasingly popular form of advanced studies.

394. TYMOWSKI, JANUSZ. *Wykorzystanie telewizji na studiach dla pracujących.* (The Role of TV in Adult Studies). Życie Szkoły Wyższej. XIV 1966 No.10 pp. 9-21.

A presentation of an experimental organization of advanced TV courses for adults. The experiment was prepared by the Ministry of Higher Education (in cooperation with the UNESCO) and the Polish Radio and TV Committee. The aim of the experiment was to check whether it is possible to use TV as a medium in university studies.

395. WOJCIECHOWSKI, KAZIMIERZ. Wychowanie dorosłych. (Education for Adults). Wrocław, Ossolineum, 1966. 593 pp.

A book on modern methods of adult education. All aspects of educational policy, institutional and otherwise, are discussed.

See also: 209, 214, 391.

Special

396. Przekształcenie postaw w praktycznym działaniu. (Developing Attitudes of Boys in School Practice). Życie Szkoły. XXI 1966 No. 12 (236) pp. 5-9.

Two articles written by practising teachers on methods of developing proper attitudes in handicapped boys; one written by Irena Biedzoń under the title "Attitude to School Work and Social Contacts", the other on "Attitude to Reading" written by Stanisława Baranowska.

397. STROJNY, VIRGINIA and ZABOROWSKI, ZBIGNIEW. Z badań nad samooceną uczniów. (From the Research on the Pupils Evaluation of Their Work). Problemy Opiekuńczo-Wychowawcze. 1966 No. 9 (162) pp. 20-21.

The authors present the results of their investigation on the pupils' evaluation of their work conducted in special schools for mentally underdeveloped children. The aim of the research was to establish the correlation between pupils' school progress and their evaluation of it, and between pupils' social standing in a school grade and their evaluation of it.

EDUCATIONAL STATISTICS

398. Statystyka szkolnictwa. Szkolnictwo ogólnokształcące. Opieka nad dzieckiem i młodzieżą. 1964/65-1965/66. (School Statistics. High Schools. Social Care of Children and Adolescents 1964-65-

-1965-66). Edited by Izabella Różańska and others. Warszawa, Główny Urząd Statystyczny, 1966. 10 pp.

399. Statystyka Szkolnictwa. Szkolnictwo Wyższe. 1963/64 i 1964/65. (School Statistics. Higher Education in the Academic Years 1963/64 and 1964/65). Edited by S. Goławska and others. Warszawa, Główny Urząd Statystyczny, 1966. 93 pp.

MISCELLANEOUS

400. ZMS w szkole. (The Union of Socialist Youth in School). Głos Nauczycielski. L 1967 No. 3 pp.6-7.

A report on the discussion organized by the Głos Nauczycielski weekly on the role of the Union of Socialist Youth in the educational program of the school. In the discussion participated: school headmasters, teachers and representatives of the Union.

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Państwowe Wydawnictwo „Wiedza Powszechna" — State Publishing House „Civic Knowledge".
Państwowy Zakład Wydawnictw Lekarskich — State Medical Publishers.
Państwowe Zakłady Wydawnictw Szkolnych — State Publishers of Textbooks.
Wydawnictwo Oświatowe „Wspólna Sprawa" — State Educational Publishers „Civic Problem".
Wydawnictwo Poznańskie — Poznań Publishers.
Wydawnictwo Związkowe — Trade Unions Publishing House.
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Selected Bibliography of Polish Educational Materials

POLISH SCIENTIFIC PUBLISHERS

1967

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HISTORY OF EDUCATION

401. KORNISZEWSKI, FELIKS. Prace z zakresu historii wychowania i historii myśli pedagogicznej opublikowane w Polsce w 1963 roku. (Bibliography of Works on the History of Education and Pedagogical Theory Published in Poland in 1963). Przegląd Historyczno-Oświatowy. IX 1966 No. 4 (33) pp. 513-523.

Contents:
1. Sources to the History of Education. Collective Works.
2. Education and Schools, Studying and Teaching, Pedagogical Theory in Poland and Abroad.
3. Polish and Foreign Theoreticians and Practitioners of Education.
4. History of Polish Secondary Schools, Teachers' Colleges and Pedagogical Libraries.
5. History of Science and Institutions of Higher Education in Poland.
6. Life and Activity of Teachers.
7. Life and Activity of Young People.

402. PIOTROWSKA, ANNA. Z dziejów tajnego szkolnictwa w czasie II wojny światowej. (From the History of Underground Schools during World War II). Przegląd Historyczno-Oświatowy. IX 1966 No. 4 (33) pp. 493-497.

The author presents her own experiences in the organization of underground educational movement after the Warsaw Uprising (1944) in Pruszków.

403. WOŁOSZYN, STEFAN. Źródła do dziejów wychowania i myśli pedagogicznej. T. 3. (Sources to the History of Education and the Theory of Pedagogy. Vol.3). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 194 pp.

The third volume of a publication containing sources to the history of education and pedagogy. This one presents the development of pedagogical theories in the 20th century.

See also: 422, 437, 455, 473, 479.

LAWS AND LEGISLATION

404. Instrukcja z dnia 27 października 1966 r. w sprawie wprowadzenia w życie nomenklatury zawodów i specjalności, do których przygotowują szkoły zawodowe. (Instruction Issued by the Minister of Education, September 27th, 1966, concerning the Nomenclature of Professions and Specialisations of Vocational Schools Graduates). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 15 Item 183.

405. Komunikat w sprawie wydawnictw zatwierdzonych do użytku szkolnego. (Announcement Issued by the Ministry of Education of a List of Books Recommended for School Use). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 13 Item 158.

406. Komunikat w sprawie wydawnictw zatwierdzonych do użytku szkolnego. (Announcement Issued by the Ministry of Education of the List of Publications Recommended for School Use). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 14 Item 170.

407. Komunikat w sprawie wydawnictw zatwierdzonych do użytku szkolnego. (Announcement Issued by the Ministry of Education of a List of Publications Recommended for School Use in September, 1966). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 16 Item 202.

408. Okólnik Nr 16 z dnia 10 listopada 1966 r. w sprawie zaopatrzenia uczniów w podręczniki szkolne na rok szkolny 1967/68. (Circular No. 16 Issued by the Minister of Education, November 10th, 1966, concerning the Distribution of Textbooks in the School Year 1967/68). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 15 Item 184.

The circular contains directives concerning the distribution of school textbooks in the school year 1967-68, for school directors and headmasters, departments of education and culture, and school districts.

409. Okólnik Nr 15 z dnia 17 października 1966 r. w sprawie realizacji obowiązku szkolnego. (Circular No. 17 Issued by the Ministry of Education, September 17th, 1966, concerning the Enforcement of the Obligatory Schooling Act). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 16 Item 201.

410. Zarządzenie Nr 150 Ministra Kultury i Sztuki z dnia 16 listopada 1966 r. w sprawie organizacji, kierownictwa i kontroli zawodowych praktyk śródrocznych, odbywanych przez słuchaczy Rocznego Stu-

dium Bibliotekarskiego w Państwowym Ośrodku Kształcenia Bibliotekarzy w Jarocinie. (Ordinance No. 150 Issued by the Minister of Culture and Art, November 16th, 1966, concerning the Organization, Direction and Control of Interm Vocational Practice Training in the Librarian Training Center in Jarocin for Students of One-Year Course in Librarianship). Dziennik Urzędowy Ministerstwa Kultury i Sztuki. 1966 No. 12 Item 107.

411. Zarządzenie Ministra Oświaty z dnia 2 listopada 1966 r. w sprawie regulaminu dla dyrektorów liceów pedagogicznych i liceów pedagogicznych dla wychowawczyń przedszkoli. (Ordinance Issued by the Minister of Education, November 2nd, 1966, concerning the Rules for Headmasters of Pedagogical Schools and of Schools for Nursery School Instructors). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 15 Item 177.

The enclosed rules are divided into the following sections:

1. General Rules.
2. Organization of Educational Work.
3. Teaching Practice for Students.
4. Organization of School Life.
5. Problems of the Staff.
6. Administration and Finances.
7. Organization of Administration.

412. Zarządzenie Ministra Oświaty z dnia 2 listopada 1966 r. w sprawie statutu liceum pedagogicznego dla wychowawczyń przedszkoli. (Ordinance Issued by the Minister of Education, November 2nd, 1966 concerning the Charter of Schools for Nursery School Instructors). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 15 Item 178.

The Charter contains the following sections:

1. Aims and Tasks of the School.
2. Organizational Structure.
3. Organization of Teaching and Educational Processes.
4. Director and Teachers' Council.
5. Teaching Staff and Other Employees of the School.
6. Practical Training of Students.
7. Students.
8. Youth Organizations.
9. Parents' Committees.
10. Boarding Schools.
11. Administration and Finances.
12. Final Rules.

413. Zarządzenie Ministra Oświaty z dnia 3 listopada 1966 r. w sprawie statutu szkoły przysposobienia

rolniczego. (Ordinance Issued by the Minister of Education, November 3rd, 1966, concerning the Charter of Junior Agricultural Colleges). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 15 Item 179.

The Charter contains the following sections:
1. Aims and Tasks of the School.
2. Organizational Structure.
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9. Administration, Finances, and Documentation.
10. Final Rules.

414. Zarządzenie Ministra Oświaty z dnia 4 listopada 1966 r. w sprawie statutu zasadniczej szkoły zawodowej. (Ordinance Issued by the Minister of Education, November 4th, 1966, concerning the Charter of Vocational Schools). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 15 Item 180.

The Charter contains the following sections:
1. Aims and Tasks of the School.
2. Organizational Structure.
3. Organization of Teaching and Educational Processes.
4. Director, Vice-Director, Manager of the School Workshop.
5. Teachers' Committees, Subject Committees.
6. Teaching Staff and Other Employees of the School.
7. Students.
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9. Parents' Committees.
10. Boarding School.
11. Administration and Finances.
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415. Zarządzenie Ministra Oświaty z dnia 4 listopada 1966 r. w sprawie statutu technikum - liceum zawodowego. (Ordinance Issued by the Minister of Education, November 4th, 1966, concerning the Charter of Vocational Technical School). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 15 Item 181.

The Charter contains the following sections:
1. Aims and Tasks of the School.
2. Organizational Structure.

3. Organization of Teaching and Educational Processes.
4. Director, Pedagogical Advisor, Administrative Manager, Section Directors, Manager of the School Workshop (Laboratory).
5. Teachers' Committees, Subject Committees.
6. Teaching Staff and Other Employees of the School.
7. Students.
8. Youth Organizations.
9. Parents' Committees.
10. Boarding Schools.
11. Administration and Finances.
12. Final Rules.

416. Zarządzenie Ministra Oświaty z dnia 4 listopada 1966 r. w sprawie zmiany nomenklatury zawodów i specjalności, do których przygotowują szkoły zawodowe. (Ordinance Issued by the Minister of Education, November 4th, 1966, concerning changes in the Nomenclature of Professions and Specializations of Vocational Schools Graduates). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 16 Item 193.

417. Zarządzenie Ministra Oświaty z dnia 5 listopada 1966 r. w sprawie regulaminu klasyfikowania i promowania uczniów oraz wydawania świadectw szkolnych w szkołach ogólnokształcących (młodzieżowych). (Ordinance Issued by the Minister of Education, November 5th, 1966, concerning Rules of Grading and Promoting Pupils in High Schools). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 16 Item 195.

The enclosed Rules contain the following sections:

I. Ger[illegible]les.
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   2. Promoting.
   3. Make-up Examinations.
   4. Commencement.

418. Zarządzenie Ministra Oświaty z dnia 5 listopada 1966 r. w sprawie wytycznych do działalności samorządu uczniowskiego w szkołach podległych Ministrowi Oświaty. (Ordinance Issued by the Minister of Education, November 5th, 1966, concerning Directives for the Organization and Activity of Pupils' Self Governments in Schools supervised by the Minister of Education). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 16 Item 196.

The enclosed directives contain the following sections:

1. Educational Tasks and Functions of Pupils' Self-Government.
2. Activities and Organization of Pupils' Self-Government.
3. Teachers' Assistance for Pupils' Self-Government.

419. Zarządzenie Ministra Oświaty z dnia 7 listopada 1966 r. w sprawie kursów pedagogicznych dla nauczycieli szkół zawodowych. (Ordinance Issued by the Minister of Education, November 7th, 1966, concerning Pedagogical Courses for Vocational School Teachers). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 16 Item 198.

The ordinance includes an instruction concerning pedagogical courses for vocational school teachers which is divided into following sections:
1. General Rules.
2. Pedagogical Courses for Teachers of Theoretical Vocational Subjects.
3. Pedagogical Courses for Teachers of Practical Vocational Classes.
4. Examinations.
5. Final Rules.

420. Zarządzenie Ministra Oświaty z dnia 7 listopada 1966 r. w sprawie organizacji ośrodka szkolenia kursowego nauczycieli szkół zawodowych. (Ordinance Issued by the Minister of Education, November 7th, 1966, concerning the Organization of a Training Center for Vocational Schools Teachers). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 16 Item 199.

The ordinance includes a charter of the training center for vocational schools teachers which is divided into following sections:
1. Tasks of the Center.
2. Organizational Structure.
3. Director and Teachers' Council.
4. Teaching Staff and Other Employees of the Center.
5. Students.
6. Administration and Finances.

421. Zarządzenie Ministra Oświaty z dnia 7 listopada 1966 r. w sprawie programu kursów nauczania początkowego. (Ordinance Issued by the Minister of Education, November 7th, 1966, concerning the Program of Primary Education for Adults). Dziennik Urzędowy Ministerstwa Oświaty. 1966 No. 16 Item 200.

GENERAL INFORMATION ON EDUCATION

422. FALSKI, MARIAN. Głos w sprawie statystyki szkolnictwa. (School Statistics). Nowa Szkoła. 1967 No. 4 pp. 3-9.

A presentation of the history and development of school statistics in Poland before and after the World War II. The author also proposes the re-introduction of problem research studies on the organisation of school system.

423. LEWANDOWSKI, STANISŁAW. Wczoraj i jutro oświaty. (Education - Its Past and Future). Kultura i Życie. 1967 No. 5 (107) pp. 3-5.

An article summing up the achievements of educational activities of trade unions. Plans for the further development of the educational program of the unions are also briefly presented.

424. WALCZAK, MARIAN. Podstawowe założenia planu 5-letniego (1966-1970) w zakresie oświaty i wychowania. [R.E.] (Basic Principles of the Five Year Plan for the Development of Education for the Years 1966-1970). Ruch Pedagogiczny. IX (XLI) 1967 No. 2 pp. 149-163.

Contents:
1. General Schools and Nursery Schools.
2. Vocational Education.
3. Primary School Graduates and Their Access to Secondary Schools.
4. Teachers' Conditions of Work:
   a) building of schools in the years 1966-1970,
   b) school equipment and teaching facilities,
   c) teaching programs and textbooks,
   d) number of teachers and their qualifications,
   e) living quarters for teachers.

425. WOJCIECHOWSKI, KAZIMIERZ. Koszty kształcenia. (Costs of Training). Głos Nauczycielski. L 1967 No. 8 p. 1.

An analysis of statistical data pertaining to the costs of educational investments and of training (all levels and kinds of schools).

SOCIAL AND EDUCATIONAL SCIENCES

426. BANDURA, LUDWIK. Zapamiętywanie i utrwalanie wiadomości. (Memorizing and Remembering the Program Material). Nowa Szkoła. 1967 No. 2 pp. 23-28.

An analysis of various difficulties encountered by pupils in the process of remembering mechanically or logically memorized program material. The author suggests ways of helping pupils in overcoming these difficulties.

427. BARTECKI, JAN. "Pedagogika dwój" nie jest koniecznością.(Pedagogy of Failures Is not Necessary). Nowa Szkoła. 1967 No. 4 pp. 19-22.

An article written in connection with the recent press discussion on the school grades and the educational values of "failures". The author presents a historical revue of various theories on the subject, as well as some results of modern studies. The introduction of modern teaching methods and a new approach to learning will soon obliterate the whole problem, he concludes.

428. BAŚCIK, STEFAN. Zadania szkoły w zakresie przygotowania młodzieży do wyboru zawodu.(Tasks of Schools in the Preparation of Pupils for the Choice of Future Profession). Chowanna. XI (XXII) 1967 No. 1 pp. 102-111.

The author discusses the problem of professional orientation, and the role of schools in testing pupils' abilities and interests, and counceling them as far as their choice of future vocation is concerned. Foreign teories on the subject are presented.

429. BEREZOWSKI, EUSTACHY. "Zaczek" - najprostsze urządzenie dydaktyczne do sprawdzania wiadomości uczniów.("Zaczek" - the Simplest Technical Device for Controlling Pupils' Knowledge). Nowa Szkoła. 1967 No. 3 pp. 28-32.

The author presents a simple technical device for controlling pupils' knowledge, constructed by him at the Chair of Didactics of Warsaw University, and used during examinations at a Correspondance High School in Cracow.

430. BEREZOWSKI, EUSTACHY. Uwagi o urządzeniach technicznych w nauczaniu języków obcych.(Some Remarks on Technical Devices in Teaching Foreign Languages). Języki Obce w Szkole. X 1966 No. 5 (52) pp. 285-289.

The author discusses ways of organizing language laboratories in schools. Methods of conducting classes in a laboratory are also briefly presented.

431. BERNAŚ, FRANCISZEK. Plenum Zarządu Głównego TSŚ. (Plenary Meeting of the Main Administration of the Society of Lay Schools).Wychowanie.1967 No.2 (174) pp. 8-13.

A report on the 5th Plenary Meeting of the Main Administration of the Society of Lay Schools, which was held in December, 1966, in Warsaw. The problems discussed were: formation of the model of lay socialist education of the young, and counteracting all attempts of clericalization of education and of other forms of social life. Special attention was given to the activity of the Society in the country.

432. CHODYNA, BOGDAN. Nauka słuchania muzyki. Cz. 1. (Perception of Music, Part 1). Warszawa, Centralna Poradnia Amatorskiego Ruchu Artystycznego,1966. 182 pp.

A book on methods of teaching perception of music in schools and centers of extramural education. Educational values of music are also discussed.

433. DĄBROWSKI, ZYGMUNT. Rola zajęć technicznych w integracji wiedzy uczniów. (The Role of Technical Education Classes in the Integration of Pupils Knowledge). Wychowanie Techniczne w Szkole. VII 1967 No. 3 (58) pp. 61-66.

The author discusses the problem of the integration of science in the school education. He presents three conditions determining the integration of pupils' knowledge by means of technical education, namely: the introduction of the problem teaching method; a further development of practical exercises in school workshops and laboractories; development of pupils' ability to independent methods of solving technical problems.

434. FLEMING, EDWARD. Organizacja pracy na lekcji. (Organization of Pupils' Work During Classes). Życie Szkoły. XXII 1967 No. 2 (228) pp. 1-7.

A presentation of a new method of planning classes by teachers.The author discusses the following elements of a plan:
1. programming of teaching elements,
2. planning the process of studying,

3. planning methods of solving problems,
4. choosing appropriate teaching methods,
5. planning forms of work.

435. GNIEWKOWSKI, WACŁAW. Lekcja improwizacji ruchowej z dziećmi. (Classes of Improvised Movement in Group of Children). Wychowanie Fizyczne i Higiena Szkolna. XV 1967 No. 2 pp. 11-17.

A discussion on a model lesson in physical education conducted by the author with a group of children. The class was presented to practising teachers of physical education at the Academy of Physical Education in Warsaw.

436. JAWORSKI, ZYGMUNT. Ocena w wychowaniu fizycznym w świetle ustaleń władz szkolnych w latach 1945-1966. (Legal Rules Regulating Grading of Pupils' Progress in Physical Education, 1945-1966).Pomoc dla Praktyki in Wychowanie Fizyczne i Higiena Szkolna. XV 1967 No. 1 (121) pp. 1-10.

Contents:
1. Final High School Examinations.
2. Final Grades in Primary Schools.
3. Promoting Pupils to the Next Grade.
4. Term Grades.
5. Teaching Results.
6. Summing Up.
7. Bibliography.

437. JAWORSKI, ZYGMUNT. Ocena w wychowaniu fizycznym ucznia w polskich czasopismach kultury fizycznej z lat 1947-1966. (Grading Pupils' Progress in Physical Education as Presented in the Polish Professional Press in the Years 1947-1966). Wychowanie Fizyczne i Higiena Szkolna.XV 1967 No.1 (121) pp. 10-16.

Contents:
1. General Problems.
2. Promoting Pupils to the Next Grade.
3. Grading Criteria.
4. Methods of Grading Pupils' Progress in Physical Education.
5. Summing Up.
6. Bibliography.

438. JONKISZ, JULIAN. Rozwój stosunków społecznych w klasie. (Development of Social Relations in a School Class). Szkoła Zawodowa. 1967 No. 1 (274) pp.41-44.

A presentation of results obtained in an investigation of the development of social relations in a school class, conducted by the

Wrocław Institute of Pedagogy in an industrial and pedagogical school in Oleśnia.

439. KAMIŃSKI, ALEKSANDER. Spółdzielnia uczniowska jako placówka wychowawcza. (Pupils' Cooperative as an Educational Center). Warszawa, Zakład Wydawniczy Centrali Roln. Spółdz., 1967. 189 pp.

A report on the investigation on school cooperatives conducted by the Research Institute of Cooperative Movement. Special attention was given to the role of cooperatives in developing pupils' social activity and their involvement in the life of the community.

440. KOCJASZ, JÓZEF. Improwizacja ruchowa z użyciem przyboru. (Improvised Movement with the Gym Hall Equipment). Wychowanie Fizyczne i Higiena Szkolna. XV 1967 No. 2 pp. 17-19.

A discussion on a model lesson in physical education conducted by the author with a group of children. The class was presented to practising teachers of physical education at the Academy of Physical Education in Warsaw.

441. KONOPNICKI, JAN. Powodzenia i niepowodzenia szkolne. (School Successes and Failures).Warszawa,Państwowe Zakłady Wydawnictw Szkolnych, 1966.207 pp.

A book in the series of advisory books for teachers. Contains a discussion on reasons for successes in teachers' educational work, as well as an analysis of their failures.

442. KOTŁOWSKI, KAROL. O procesie i zasadach wychowania estetycznego. [R.E.] (The Process and Principles of the Education in Esthetics Program). Ruch Pedagogiczny. IX (XLI) 1967 No. 2 pp. 183-192.

The author discusses the following principles of education in esthetics program:
1. direct contact with a work of art,
2. studies on the completeness of a work of art,
3. perception of a work of art,
4. active approach to a work of art on part of pupils,
5. teacher's individual approach to pupils.

443. KOZAKIEWICZ, MIKOŁAJ. Młodzież ciągle inna. (Youth in Transition). Nowa Szkoła. 1967 No. 3 pp. 4-8.

A fragment of a new book by the author,a well-known educationalist, journalist, and specialist in the problems of the young generation. In the present work he discusses a popular tendency to criticize the young on the basis of narrow and limited investigation on the subject. The author's thesis is the full responsibility of adults (parents, teachers, educators) for the conduct, behavior and attitudes of the young.

444. KOZIOŁ, ROMUALD. Barwa w szkole. (Colour in School). Plastyka w Szkole. VII 1967 No. 2 (57) pp. 25-29.

The author discusses the role and use of colour in school architecture and interior decorations. The article, is divided into the following parts:
1. General Rules.
2. Organization of School Interiors.
3. Colour, Light and Visibility.
4. Classrooms.
5. School Hall.
6. Recreation Rooms.
7. Gym Halls.
8. Dining Rooms.
9. Teachers Rooms.

445. KULIGOWSKA, KRYSTYNA. Badanie wyników nauczania w roku 1966. (Investigation of Study Results in 1966). Nowa Szkoła. 1967 No. 1 pp. 14-19.

Contents:
1. Aims of Research.
2. Scope of Research.
3. Grades and Subjects Investigated.
4. Summing-Up of Results Obtained.
5. Organization of Research.
6. Remarks and Conclusions.

446. KURPIS, KAZIMIERZ. Rola młodzieżowych domów kultury w systemie wychowania socjalistycznego. (The Role of Houses of Culture in the Socialist Educational System). Gdańsk, 1966. 183 pp.

A book on the forms of ideological activity in houses of culture. The role of these extramural educational centers in the development of the desirable attitudes of the young is discussed.

447. KUZOWA, JÓZEFA. Nauczanie problemowe a praca domowa ucznia. (Problem Teaching and Pupils' Homework). Nowa Szkoła. 1967 No. 3 pp. 9-14.

Contents:
1. In Search of Methods of Solving the Problem.
2. School Assignments.

3. Correlation between Pupils' School Progress and Assignments.

448. KWIECIŃSKI, ZBIGNIEW. Z warsztatu badań terenowych. (Research Center in Toruń). Ruch Pedagogiczny. IX (XLI) 1967 No. 2 pp. 234-244.

A report on the investigation on the functioning of a rural school conducted by the Chair of Pedagogy at the Mikołaj Kopernik University in Ciche Górne (a village in the Carpathian mountains). The report consists of the following sections:
1. genesis and bases of the experiment,
2. the research model,
3. scientific camp,
4. research work proper,
5. final conferences.

449. LANDA, L.N. Niektóre zagadnienia algorytmizacji nauczania. [R.E] (Some Problems of the Algorythmization of Teaching). Psychologia Wychowawcza. X (XXIV) 1967 No. 1 pp. 5-25.

The author discusses ways of teaching children general methods of thinking and the role of algorithms in the organization of this process.

450. LECH, KONSTANTY. Zasada organizacji pracy uczniów a praca nauczycieli. (Organization of Pupils' Work and Teachers' Work). Życie Szkoły. XXII 1967 No. 3 (229) pp. 1-5.

The author discusses the following principles regulating the organization of pupils' work:
1. humanization (or individualization) of work,
2. cooperation and harmony,
3. economy,
4. discipline and order,
5. rationalization.

The role of the first three principles in the organization of teachers' work is also presented.

451. LIGOCKI, ERNEST. W sprawie kontroli i oceny pracy uczniów. (Controlling and Grading Pupils' Work). Nowa Szkoła. 1967 No. 1 pp. 9-13.

The author finds the present system of controlling and grading pupils' study results unsatisfactory, and presents the following reorganization of it:
1. division of the school year into two semesters,

2. introduction of two-hour classes in all subjects,
3. introduction of a five-grade system,
4. introduction of five-minutes control tests,
5. introduction of tutorial system of controling study results.

452. ŁOBOCKI, MIECZYSŁAW. Uczniowskie narady ideowo-społeczne. (Pupils' Conferences on Ideological and Social Problems). Wychowanie. 1967 No. 2 (174) pp. 18-22.

Contents:
1. Conference Subjects.
2. Preparation for and Planning of Conferences.
3. Presentation of Problems for Discussion.
4. Pupils' Participation in the Discussion.
5. Summing-Up and Conclusions of a Conference.
6. Conference on Social and Moral Subjects in the Sixth Grade.
7. Conference on Philosophical Problems in the Seventh Grade.
8. Conference on the Social Reality in the Sixth Grade.

453. MACIASZEK, MAKSYMILIAN. Problemy wychowawcze i opiekuńcze lekcji szkolnej. (Problems of Education and Tutorage at Schools). Problemy Opiekuńczo-Wychowawcze. 1967 No. 2 (105) pp. 1-7.

Contents:
1. Educational Values of the Program Material.
2. Organization of Classes as an Educational Problem.
3. Theory and Practice of Punishment.
4. Tutorial Problems at Classes.
5. Educational Diagnosis as a Condition of the Efficiency of Teaching.

454. MACIASZKOWA, JANINA. O wychowaniu uspołeczniającym. (Development of Pupils' Social Instincts). Problemy Opiekuńczo-Wychowawcze. 1967 No. 2 (105) pp. 30-33.

An article on the development of pupils' social instincts. The author distinguishes the following principles which should govern the work of teacher in this respect:
1. pointing out the necessity of common efforts in achieving a common goal;
2. introducing the system of responsibilities and interrelations;
3. respecting school self-government;
4. applying open system of judging pupils' behavior and conduct.

455. MADEJA, JÓZEF. Szkoły dla uczniów wybitnych w aspekcie historycznym. (Historical Development of Schools for Talented Pupils). Chowanna. XI(XXII) 1967 No. 1 pp. 17-31.

A historical sketch on the development of schools for and methods of training talented pupils in Poland and abroad since the ancient time up to the present.

456. MAJTYKA, JAN. Efektywność utrwalania materiału nauczania w procesie lekcyjnym. (Efficiency of Teaching). Wychowanie. 1967 No. 8 (180) pp. 31-33.

The author presents one aspect of the efficiency of teaching problem, namely the organization of repetition clases. He discusses four methods of conducting these classes: verbal, laboratory, problem (in laboratory), problem (in groups of pupils).

457. MATEJKO, ALEKSANDER. Podstawy twórczego stosunku do pracy i nauki. (Bases of Creative Attitudes to Work and Studies). Szkoła Zawodowa. 1967 No. 3 (276) pp. 37-40.

Contents:
1. Creative Faculties.
2. Environment.
3. Vocational School as a Social System.
    a) stimulative teaching methods,
    b) the authority of teachers and instructors,
    c) activities of vocational school students,
    d) modern methods,
    e) experimenting of teaching staff,
    f) experiments in teaching and education,
    g) vocational schools graduates.

458. Metodyka nauczania geografii. (Methods of Teaching Geography). Edited by Józef Barbaga. Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 435 pp.

A publication prepared at the Institute of Pedagogy. Contains papers by various authors on methods of teaching geography in primary schools.

459. MILLER, ROMANA. Proces wychowania i jego wyniki. (Results of the Educational Process). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 183 pp.

A book in the series of advisory books for teachers. Contains an analysis of the educational process in schools, and methods of securing desirable results in this process.

460. MUSZYŃSKI, HELIODOR. Podstawy wychowania społeczno-moralnego. (Social and Moral Education). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 213 pp.

A book for teachers on the methods of developing the social instinct and morality of the young.

461. MUSZYŃSKI, HELIODOR and OKOŃ, WINCENTY. Działalność szkół eksperymentalnych w Polsce Ludowej. (Activity of Experimental Schools in Poland). Ruch Pedagogiczny. IX (XLI) 1967 No. 2 pp. 221-234.

Contents:
- I. Introduction.
- II. Experiments in Teaching Methods:
  - 1. Statistical Data.
  - 2. Presentation of Experiments.
- III. Experimenting in Educational Methods:
  - 1. Statistical Data.
  - 2. Presentation of Experiments.
- IV. Conclusions.

462. O postęp pedagogiczny. (For Pedagogical Progress). Nowa Szkoła. 1967 No. 1 pp. 2-8.

Continuation of a discussion opened in the columns of the Nowa Szkoła monthly on forms and manifestations of pedagogical progress in Polish schools. The present issue presents articles by Professor Jerzy Bukowski on the programmed method of teaching mathematics, Professor Walery Goetel on the necessity of introducing elements of preservation of nature to school programs, and by Professor Alicja Dorabialska on methods of developing moral and ethical attitudes in young people.

463. PIETER, JÓZEF. Sprawa uczniów wybitnych. (Problem of Talented Pupils). Chowanna. XI (XXII) 1967 No. 1 pp. 1-17.

Contents:
1. Tendencies in the Treatment of Talented Pupils in Polish Schools since 1944-45.
2. General Attitude to Talent in the Post-War Years.
3. Problems of Selecting and Training Talented Pupils.
4. The Progress of Science and Its Consequences.

5. Development of Abstract or Mathematical Character of Science and Difficulties in Teaching and Learning.
6. The Impact of the Rapid Development of Science on the Necessity of Selecting and Training Talented Pupils.
7. Definition of the Talented Pupil.
8. Methods of Selecting Talented Pupils.
9. The Talented Pupil and Educational Environment.
10. Individual Training of Talented Pupils.
11. Methods of Training Talented Pupils.
12. General and Special Training.
13. Individual Education.
14. Conclusions.

464. PRZECISZEWSKI, TADEUSZ. Uwagi o warunkach rozwoju nauk humanistycznych i społecznych. (Some Remarks on the Conditions for Development of Humanities and Social Sciences). Życie Szkoły Wyższej. XIV 1966 No. 12 pp. 50-59.

Contents:
1. Methods of Discussing the Subject.
2. Economic Value of Humanities and Social Sciences.
3. Extra-economic Value of Humanities and Social Sciences.
4. Conclusions.

465. RADWAN, ZBIGNIEW. Jak oceniać? (Methods of Grading). Głos Nauczycielski. L 1967 No. 6 pp. 6-7.

An article in the discussion on the problem of grading pupils' work. The author presents various methods used by teachers in their school practice.

466. RADWIŁOWICZ, RYSZARD. O skutecznym wychowawczo oddziaływaniu na świadomość uczniów. (Educationally Effective Development of Pupils' Attitudes). Wychowanie. 1967 No. 3 (175) pp. 5-8.

An article on the indirect method of forming and developing pupils' desirable attitudes. Ways of doing it in concrete school situations are discussed.

467. RUDOLF-SKOKOWSKA, M. and others. Próba oceny wypoczynku letniego dzieci w warunkach kolonijnych. (The Role of Summer Camps in the Physical Development of Children). Wychowanie Fizyczne i Higiena Szkolna. XV 1967 No. 3 pp. 17-20.

A report on the investigation of the role of summer camps in the physical development of children. The investigation was conducted by the Warsaw Institute of Mother and Child at several summer camps for children.

468. SŁOMKIEWICZ, STEFAN. Prace konstrukcyjno-techniczne uczniów. (Pupils' Works in Technical Constructions). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 182 pp.

A book for teachers of polytechnical education on methods of conducting classes in this subject. The author presents examples of exercises to be performed by pupils.

469. SMOŁALSKI, ANTONI. Momenty osobiste w lekcji. (Personal Elements in Classes). Nowa Szkoła. 1967 No. 3 pp. 15-19.

The author presents the results of his investigation on the educational value of personal elements introduced by teachers into the program of classes conducted by them. The investigation was conducted by means of questionnaires answered by freshmen of Teachers' College in Wrocław, concerned their observations on the subject made in primary and secondary schools, and established that the introduction of personal elements has desirable educational effects only when they concern the subject of the class.

470. SOKOŁOWSKA, ALICJA. Rola rodziny w kształtowaniu stosunku młodzieży do własnej przyszłości. [R.E.] (The Role of the Family in Developing the Attitudes of the Young towards Their Future Career). Psychologia Wychowawcza. X (XXIV) 1967 No. 1 pp. 44-58.

A presentation of the results of an investigation on the role of the family in developing the attitudes of the young towards their future career and perspectives. Though the family is no longer the only factor in the development of the young, it remains the most important one both as a personality pattern, and as an educational environment.

471. SOŚNICKI, KAZIMIERZ. O sposobach uczenia się. [R.E.] (Methods of Learning). Ruch Pedagogiczny. IX(XLI) 1967 No. 1 pp. 25-43.

Contents:
1. Presentation of the Problem.
2. Artificial Learning.
3. Natural Learning.
4. Comparison between Artificial and Natural Methods of Learning.

5. The Role of Learning in the Pedagogy of Culture.
6. Elements of Learning.
7. Ways of Learning.
8. Synthesis.

472. STRUPCZEWSKA, BARBARA. *Badania nad kształtowaniem się u dzieci pojęć stałości. Część II.* [R. E.] (Research on the Development of Children's Concepts of Constant Notions. Part II). Psychologia Wychowawcza. X (XXIV) 1967 No. 1 pp. 59-74.

Contents:
- I. Introductory Remarks.
- II. Genesis of the Notion of Numbers in J. Piaget's Theory.
  - 1. Pre-notion Schemes.
  - 2. Development of Notions.
  - 3. The Notion of Numbers.
- III. Research on the Development of the Number Notion.
- IV. Conclusions.
- V. Bibliography.

473. SUCHODOLSKI, BOGDAN. *Cele wychowania socjalistycznego.* (Aims of Socialist Education). Wychowanie. 1967 No. 8 (180) pp. 2-11.

Contents:
1. Three Former Ways of Defining Educational Aims (Plato's, Komenski's, Poincare's).
2. Bases of the Socialist Theory of Educational Aims.
3. Educational Aims and the Needs of the Society.
4. Educational Aims and the Needs of the Individual.
5. Compatibility of Both Points of View.
6. Three Aims of Socialist Education.

474. SUCHODOLSKI, BOGDAN. *Osobowość zaangażowania.* (Involved Personality). Wychowanie. 1967 No. 6(178)pp. 2-7.

Contents:
1. Criticism of Personality Notion.
2. Neglecting Historical Aspect of Personal Life.
3. Marxist Philosophical Anthropology.
4. Accepting and Overcoming the Achievements of Civilization.
5. Problem of Involvement.

475. SUCHODOLSKI, BOGDAN. *Pedagogika przygotowania do życia i pedagogika kształcenia osobowości.* [R.E.] (Aims of Pedagogy: Preparation for Life or Deve-

lopment of Personality). Ruch Pedagogiczny. IX (XLI) 1967 No. 1 pp. 1-24.

An analysis of two main functions of pedagogy, namely: preparation for life in the community and development of individual personalities. The author presents ways of reconciliation between the two tendencies, showing their complementary character.

476. SUCHODOLSKI, BOGDAN. Trudne problemy wychowania we współczesnym świecie. (Difficult Problems of Education in the Modern World). Wychowanie. 1967 No. 7 (179) pp. 2-7.

The author discusses the following problems connected with the role of education in the modern world:
1. technical progress and development of civilization,
2. Marxist theory of the social development,
3. educational environment of the young,
4. conflict between traditional models and future ideals,
5. problem of involvement and responsability,
6. emotional life of the young.

477. SZEWCZUK, WŁODZIMIERZ. Recepcja treści oświatowych. (Reception of Education). Wrocław, Ossolineum, 1966. 214 pp.

A study in the psychology of education. Problems of teaching and studying, as well as students' attitudes to learning are discussed. Methods of popularizing education are also presented.

478. SZEWCZUK, WŁODZIMIERZ. Start zawodowy - analiza psychologiczna. (Psychological Analysis at the Beginning of Professional Career). Oświata Dorosłych. XI 1967 No. 1 (80) pp. 4-12.

Contents:
1. Introduction.
2. Expectations and Reality.
3. Difficulties:
    a. vocational tasks,
    b. self-criticism,
    c. relations with other workers,
    d. attitude to supervisors.
4. Conclusions.

479. SZULKIN, MICHAŁ. Z dziejów socjalistycznej myśli wychowawczej. (From the History of Socialist Theory of Education). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 187 pp.

A historical sketch on the development of the socialist theory of education.

480. WIECZOREK, TERESA. Poznawanie uczniów wybitnych. (Selection of Talented Pupils). Chowanna. XI (XXII) 1967 No. 1 pp. 56-77.

A summary of three master's theses (by the author and K. Przeworczyk and A. Labryga), promoted by Professor Józef Pieter. The report presents a research work on the methods of selecting talented pupils, and is divided into the following sections:

1. research problem,
2. research methods,
3. stages of research and partial results,
4. critical analysis of school grades and teachers,
5. results of intelligence tests,
6. educational environment of the investigated group,
7. analysis of autobiographical sketches,
8. correlatives,
9. talented pupils' interests,
10. reasons for studying, reading and behaving of talented pupils,
11. conclusions,
12. bibliography.

481. WIĘCKOWSKI, RYSZARD. Projektowanie badań eksperymentalnych. (Planning Research Experiments). Chowanna. XI (XXII) 1967 No. 1 pp. 121-131.

Contents:
1. Two Methods in Research Work.
2. Theoretical Research Model.
3. Organization of Research Experiments.
4. Conclusions.

482. WOJNAR, IRENA. Sztuka i różne jej dziedziny w kształtowaniu współczesnego człowieka. (The Role of Art in Forming Personality of Modern Man). Plastyka w Szkole. VIII 1967 No. 3 (58) pp. 62-68.

Contents:
1. Pedagogical Concept of Art.
2. Art and Contemporary Civilization.
3. Impact of Art on Human Life.
4. Chances for the Education-Through - Art Theory.
5. Esthetical Awareness of Modern Man.

483. WYGAŚ, KAZIMIERZ. Olimpiady szkolne jako jedna z form pracy z uczniami wybitnymi. (Schools Olympics as One Form of Work with Talented Pupils). Chowanna. XI (XXII) 1967 No. 1 pp. 78-95.

The author discusses the role of school olympics (special competitions in selected subjects) in the development of interests and abilities of talented pupils. The following problems are discussed:

1. literature on the subject,
2. genesis and development of school olympics,
3. methods and forms of preparing students for school olympics,
4. achievements of school olympics and their winners,
5. conclusions,
6. bibliography.

484. ZIEMSKA, MARIA. Z badań nad kształtowaniem się postaw rodzicielskich. [R. E.] (Development of Parents' Attitudes). Psychologia Wychowawcza. X (XXIV) 1967 No. 1 pp. 81-86.

A presentation of a research on certain aspects of relationships between married couples, and their possible impact on parents-children relations, and on children's development. Three groups of parents were examined, namely those of: 1. normal children, 2. neurotic children, 3. physically invalid children.

485. Z problematyki nauczania języka rosyjskiego. (Problems of Teaching Russian). Edited by Bronisław Wieczorkiewicz. Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 298 pp.

A publication prepared by the Russian Language Section of the Center of Foreign Languages Teaching Methods at Warsaw University, as a practical guide for teachers of Russian.

486. ŻUKOWSKA, ZOFIA. Tendencje współczesnej pedagogiki w sprawie ocen szkolnych. (Various Conceptions of Grading Pupils' Work in Modern Pedagogy). Wychowanie Fizyczne i Higiena Szkolna. XV 1967 No. 1 (121) pp. 1-4.

Contents:

1. The Importance of School Grades.
2. Methods of Controlling and Grading Pupils' Work:
   a. traditional method,
   b. tests,
   c. criteria and norms of grading,
   d. control tests,
   e. control classes.
3. Bibliography.

See also: 401, 403, 493, 511, 512, 555.

THE TEACHER'S PROFESSION

487. CYRANKIEWICZ, JÓZEF. Kształcicie i wychowujecie młode pokolenie świadomych budowniczych socjalizmu. (You Teach and Educate a Young Generation of Future Builders of Socialism). Głos Nauczycielski. L 1967 No. 13 pp. 2-3.

A speech by the Prime Minister, Mr. J. Cyrankiewicz, at the 9th Congress of the Polish Teachers' Union, which was held in March, 1967. The Prime Minister's speech was divided into the following sections:

1. problems of teachers and education focusing public interests,
2. training staff for agriculture,
3. the problem of quality in education,
4. mass media cannot substitute the teacher,
5. problems of the modern world,
6. political situation of the country,
7. preparing the young generation for future tasks and duties.

488. GASTOL, BŁAŻEJ. Higiena szkolna. (School Hygiene). 3 rd Edition. Kraków, 1967. 181 pp.

A textbook for students and teachers of advanced schools of pedagogy on the problems of organising hygiene at schools.

489. HORBOWIEC, KAZIMIERZ. Rekrutacja na studia dla pracujących w zakresie SN i PIPS. (Recruitment of Students for Studies for Adults at Teachers' Colleges and at the Institute of Special Pedagogy). Głos Nauczycielski. L 1967 No. 4 pp. 6-7.

A detailed information for candidates for evening, extramural and external studies at Teachers' Colleges and the Institute of Special Pedagogy.

490. JABŁOŃSKI, HENRYK. Przemówienie. (Speech at the Congress). Głos Nauczycielski. L 1967 No. 13 p. 13.

A speech by the Minister of Education and Higher Education, Professor Henryk Jabłoński, presented at the 9 th Congress of the Polish Teachers' Union, March, 1967. The Minister discussed problems of cooperation between school anthorities and the Union, and the realization of the school reform.

491. KAWKA, ANDRZEJ. O postęp pedagogiczny i doskonalenie pracy dydaktyczno-wychowawczej w szkołach. (For Pedagogical Progress and Improvement of the

Efficiency of School Educational Work). Szkoła Zawodowa. 1967 No. 1 (274) pp. 11-14.

A report on the Plenary Meeting of the Polish Teachers Union, September, 1966. The following problems were discussed:
1. Definition of Pedagogical Progress.
2. Pedagogy and Needs of Teachers and Schools.
3. Experimental and Leading Schools.
4. Educational Policy.
5. The Role of Teachers.

492. KRZYSZTOSZEK, ZOFIA. O roli i strukturze kształcenia pedagogicznego w zreformowanej uczelni nauczycielskiej. (On the Role and Structure of Pedagogical Training in Reformed Teachers' Colleges). Ruch Pedagogiczny. IX (XLI) 1967 No. 1 pp. 80-85.

Contents:
1. Introduction.
2. The Role of General Pedagogical Subjects.
3. The "A" Group Subjects (Including Pedagogy).
4. Structural and Organizational Basis for the Development of Pedagogical Subjects in Teachers' Colleges.

493. LECH, KONSTANTY. Metody i formy konkretyzacji i wdrażania do praktyki szkolnej założeń nowego systemu nauczania, kształcenia i wychowania. (Methods of Realizing the New System of Teaching, Studying and Educating in the School Practice). Szkoła Zawodowa. 1967 No. 1 (274) pp. 10-11.

A paper presented at the Plenary Meeting of the Polish Teachers' Union, September, 1966. Contains a discussion of the following problems:
1. program works,
2. textbooks,
3. teaching facilities,
4. organization of a class.

494. LEWIN, ALEKSANDER. System wychowawczy. (Educational System). Warszawa, Centralny Ośrodek Pedagogiczny Szkolnictwa Artystycznego, 1966. 77 pp.

A book for teachers and instructors in the extramural educational and artistic centers on the methods of organizing educational work there.

495. MALCZYK, CELINA. Praktyka pedagogiczna w studiach nauczycielskich wychowania fizycznego. (Teaching Practice for the Physical Education Majors in Teachers' Colleges). Wychowanie Fizyczne i Higiena Szkolna. XV 1967 No. 2 pp. 4-9.

A presentation of methods of organization of teaching practices for the physical education majors in Teachers' Colleges. Instruction regulating them is enclosed.

496. MALINOWSKI, TADEUSZ. Problemy integracji w kształceniu nauczycieli. [R.E.] (Problems of Integration in Teachers' Training). Ruch Pedagogiczny. IX(XLI) 1967 No. 1 pp. 44-46.

The author discusses the necessity of preparing primary school teachers trained in teachers' colleges for further advanced studies, and proposes a reform of the program, methods and organization of teachers' training.

497. NIEMIERKO, BOLESŁAW. Przedmioty pedagogiczne w studiach nauczycielskich. (Pedagogical Subjects in Teachers' Colleges). Nowa Szkoła. 1967 No. 4 pp. 35-38.

The author presents the results of his investigation on the necessity of the reform of the pedagogical subjects program in teachers' colleges. The investigation was conducted in several teachers colleges in the country by means of interviews (with teaching staff and students).

498. OCHMAŃSKI, WŁADYSŁAW. Węzłowy problem doktoratów nauczycielskich. (Basic Problem of Teachers' Doctor Degrees). Życie Szkoły Wyższej. XIV 1966 No. 12 pp. 32-49.

An analysis of the results of the authors' investigation on difficulties encountered by practising teachers in completing their doctoral studies. The author divides them into ten groups, among which the most important are: financial problems, excessive professional and social duties, lack of assistance on part of school authorities, and insufficient knowledge of methods of scientific work on part of teachers themselves.

499. OKOŃ, WINCENTY and NIEMIERKO, BOLESŁAW. Główne kierunki postępu pedagogicznego. (Main Tendencies of the Pedagogical Progress). Szkoła Zawodowa. 1967 No. 1 (274) pp. 8-10.

A paper presented at the Plenary Meeting of the Polish Teachers' Union, September, 1966. Contains a discussion of the following problems:
1. scientific research,
2. experimental and experimenting centers,

3. leading centers,
4. teachers' training,
5. pedagogical literature,
6. teachers' activity.

500. PUTO, MIECZYSŁAW. O życiu sportowym wśród nauczycieli. (Teachers' Sport Life). Wychowanie Fizyczne i Higiena Szkolna. XV 1967 No. 3 pp. 4-8.

An article on the role of the Polish Teachers' Union in the organization and development of teachers' sport activities.

501. RYBARCZYK, MARIA. Egzamin kwalifikacyjny co to takiego? (What is the Examination of Teaching Qualifications?). Głos Nauczycielski. L 1967 No. 8 pp. 1 and 5.

The author explains organization, character and aims of the examination of teachers qualifications, a special form of verifying pedagogical qualifications of practising teachers who do not have teachers' diplomas.

502. SCHOENBERENNER, JANINA. Potrzebna właściwa koncepcja. (Need for a Model). Głos Nauczycielski. L 1967 No. 6 p. 7.

The author argues the necessity of setting up a model system of training teachers of primary schools. The present system does not answer all needs and duties of primary education.

503. Uchwała Plenum Zarządu Głównego ZNP w sprawie poprawy jakości pracy szkół. (Resolution of the Plenary Meeting of the Main Administration of the Polish Teachers' Union on the Improvement of the Efficiency of Schools). Szkoła Zawodowa. 1967 No. 1 (274) pp. 15-16.

A full text of the Resolution of the Main Administration of the Polish Teachers' Union, accepted at the Plenary Meeting of the Union, September, 1966.

504. WALCZAK, MARIAN. Referat sprawozdawczo-programowy. (Report and Program). Głos Nauczycielski. L 1967 No. 13 pp. 4-5.

A report on the activity of the Polish Teachers' Union presented by the President of the Union at the 9th Congress, held in March, 1967. Program for the further activities of the Union, concerning mainly the realization of the school reform, and teachers' living conditions, was also discussed in the report.

505. WALCZAK, MARIAN. Zadania Związku Nauczycielstwa Polskiego w zakresie poprawy jakości pracy szkół. (Tasks of the Polish Teachers' Union in the Improvement of the Efficiency of School Work). Szkoła Zawodowa. 1967 No. 1 (274) pp. 2-8.

A paper presented by the President of the Polish Teachers Union at the Plenary Meeting of the Union, September, 1966. The author discussed several determinants of the efficiency of school work, such as: teachers' professional qualifications and involvement, distribution of schools and their equipment, introduction of modern teaching methods, extramural educational environment, etc.

506. WOJCIECHOWSKI, KAZIMIERZ. Bilans dyskusji. (Summing up of a Discussion). Głos Nauczycielski. L 1967 No. 11 pp. 1 and 6-7.

A summing-up of a discussion before the congress of the Polish Teachers' Union, conducted in the columns of the Głos Nauczycielski weekly. The following subjects were discussed: the role of the Union, school problems, higher education, teachers' training, conditions of teachers' life and work, activities of the Union.

507. WOSKOWSKI, JAN. Z badań nad nauczycielami zawodu. (Investigation of Vocational Teachers). Wrocław, Ossolineum, 1966. 113 pp.

A report on the organization, research methods, and results of an investigation on vocational teachers, conducted by the Section of Research on the Culture of Labour at the Institute of Philosophy and Sociology.

See also: 411, 412, 419, 420, 441, 465, 491, 559.

SCHOOLS AND INSTITUTIONS
(by type or level)

Preschool

508. GOŁASZEWSKI, TADEUSZ. Dziecko w muzeum. (Children in Museums). Warszawa, Nasza Księgarnia, 1967. 95 pp.

A book on the education - through - art theory. The author discusses the role of guided museum tours in the development of children's perception of visual arts and of their sense of beauty.

509. MERŻAN, IDA. Zabawy, zabawki, dzieci. (Games, Toys and Children). Warszawa, Nasza Księgarnia, 1967. 104 pp.

A book for parents and nursery school instructors on the methods of organizing children's time, and on educational values of various games and plays.

510. MYSTKOWSKA, HALINA. Żywe słowo w pracy z dziećmi sześcio- i siedmioletnimi. (Dramatic Literature in Work with Six - and Seven Year Old Children). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 175 pp.

A book for teachers and nursery school instructors on methods used in esthetic education. The author presents aims and organization of dramatic productions with groups of six- and seven-year old children.

Primary

511. BARTKOWSKA, TERESA. O przygotowaniu dziecka do podjęcia obowiązku szkolnego. (Child's Preparation for School). Życie Szkoły. XXII 1967 No. 2 (228) pp. 27-32.

The author discusses ways of checking children's preparation for school, and criteria used in control tests. The work of special centers preparing underdeveloped childern to primary school is also presented.

512. BONECKI, HENRYK and DROŻDŻ, WITOLD. Wskazówki metodyczne do nauczania fizyki w klasie VI. (Methods of Teaching Physics in the Sixth Grade). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 171 pp.

A book for teachers on methods of teaching physics in primary schools. Plans of model lessons are included.

513. CICHOŃ, WŁADYSŁAW. Program nauczania 8-klasowej szkoły podstawowej a wychowawczo-moralne potrzeby naszego szkolnictwa. (Teaching Program of the 8-Year Primary School and Educational and Moral Needs of Our Schools). Ruch Pedagogiczny. IX(XLI) 1967 No. 2 pp. 209-217.

Contents:
1. An Attempt to Analyze Educational Principles and Aims of the New Program.
2. Critical Analysis of Ethical Values and Educational Methods.
3. Problem of Tutorial Hours.

514. JÓŹWICKI, TADEUSZ. Moje próby udoskonalenia planowania pracy dydaktyczno-wychowawczej. (My Experiments in Improving Educational Work). Klasy Łączone. X 1967 No. 1 (50) pp. 8-25.

Contents:
1. Problems of Planning Educational Work at the Polish Language Classes in Lower Grades of Rural Primary Schools.
2. Schedule of the Teaching Program of the Polish Language for the 4th Grade.
3. Conclusions.

515. KAMIŃSKA, MARIA. Samorząd eksperymentalny. (Experimental Self-Government). Wychowanie. 1967 No. 3 (175) pp. 33-35.

The author presents an organization and results of an educational experiment organized in one of primary schools in Cracow. Teachers' Council and the headmaster of the school decided to solve educational problems of pupils with the help of pupils themselves. Pupils' self-government proved entirely successful.

516. KSIĄŻCZAK, ZBIGNIEW. Wyniki nauczania języka polskiego w klasie VI. (Results of Teaching Polish in the 6th Grade). Nowa Szkoła. 1967 No. 2 pp. 37-41.

The author presents results obtained in the investigation on the results of teaching Polish in the 6th grade, conducted in 1006 primary schools, in June, 1966.

517. KORZENIEWSKI, BOGDAN. Rysunek na lekcjach geografii w klasie IV. (Design at Geography Classes in the Fourth Grade). Życie Szkoły. XXII 1967 No.2(228) pp. 21-26.

Contents:
1. Role of Geographical Designs.
2. Model Lessons.
3. Control Tests.

518. Najważniejsza jest szkoła podstawowa. (Primary School - Most Important). Życie Warszawy. XXIV 1967 No. 55 (7271) p. 4.

An interview with the Minister of Education and Higher Education, Professor H. Jabłoński, on the role of primary school in the educational system, and on the necessity of cooperation between educational institutions of all kinds and levels in the country.

519. NALEPIŃSKI, WIESŁAW. Wskazówki metodyczne dla nauczycieli wychowania obywatelskiego w klasie VIII. (Citizenship Education in the 8th Grade). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 109 pp.

A book for teachers of primary schools on the methods of teaching a new subject, the citizenship education, recently introduced into the program of the reformed primary school.

520. PAJAWSKA, KAROLINA. Ćwiczenia w mówieniu i pisaniu w klasach V-VIII. (Exercises in Speaking and Writing in Grades 5-8). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 187 pp.

A book for teachers of the Polish language in primary schools on the methods of developing pupils' knowledge of their native language. Model exercises in speaking and writing are included.

521. PŁAŻEWSKA, MAGDALENA. Wyposażenie wnętrz szkoły podstawowej. (Interior Decoration and Equipment of Primary Schools). Plastyka w Szkole. VIII 1967 No. 2 (57) pp. 30-36.

The author presents model designs for the interior decorations and equipment of primary schools, prepared by the Institute of Industrial Designing on the Ministry of Education order.

522. Sprawdzian wiadomości technicznych uczniów, którzy ukończyli szkołę podstawową. (Technical Education Test for Primary School Graduates). Wychowanie Techniczne w Szkole. VII 1967 No. 1 (56) pp. 12--19.

A presentation of a technical education test for pupils of the 9th grade of high school who follow the new teaching program.

See also: 408, 410.

Secondary

523. BORTNOWSKI, STANISŁAW. Światła i cienie nowego programu. (Lights and Darks of a New Program). Zycie Literackie. XVII 1967 No. 5 (783) pp. 1 and 11.

A critical discussion of a new program of the Polish language and literature prepared by the Ministry of Education for high schools.

The author sees the "lights and darks"of the following aspects of the program: chronological presentation of the history of literature, obligatory and recommended reading assignments, a course in historical grammar, directory of teaching methods.

524. DOBOSIEWICZ, STANISŁAW. O integracji szkolnictwa wyższego i średniego. (Integration of Education of Secondary and Advanced Level). Głos Nauczycielski. L 1967 No. 19 pp. 4-5.

Discrepancies between the high school program and university requirements render the integration of all levels of education necessary. The author discusses the following problems connected with the subject: functions of high schools, university entrance examinations, the freshman year as a period of adaptation.

525. DOBOSIEWICZ, STANISŁAW. Reforma liceów ogólnokształcących. [R.E.] (The High School Reform). Ruch Pedagogiczny. IX (XLI) 1967 No. 2 pp. 164-182.

1. The Role of High Schools in the Educational System.
2. Tasks of High Schools.
3. The Role of High Schools in the Society.
4. High Schools and Social Environment.
5. New Elements in the High School Program.
6. Modernization of Teaching Programs.
7. "Polytechnization", Natural Sciences and Mathematics.
8. Individualization of High School Programs.
9. New Programs and High School Students.
10. Educational Problems in the Reformed High Schools.

526. DZIEKOŃSKI, MIECZYSŁAW. Zespoły samokształceniowe w szkołach średnich województwa warszawskiego. (Self Instruction Groups in High Schools in Warszaw Voievodship). Język Rosyjski. XX 1967 No. 2 (105) pp. 33-40.

The author discusses the practical realization of the following aims of self-instruction:
1. the role of the teaching subject in the school program,
2. the intensive study of the educational values of the teaching program,
3. improvement of the efficiency of teaching,
4. popularization of achievements.

527. GOTOWSKI, BOGDAN. Po maturze - jaka szkoła? (The Choice of Further Studies). Życie Warszawy. XXIV 1967 No. 60 (7276) p. 3.

The author discusses the character of vocational colleges for high school graduates. As these schools are growing more and more popular and important (the growing up of the baby-boom generation and a limited number of places at universities), their program and teaching standards should be carefully investigated and controlled.

528. HOLESZOWSKI, WŁODZIMIERZ. Wykaz mebli i sprzętów wchodzących w skład wyposażenia pracowni technicznej w liceum ogólnokształcącym. (List of Technical Education Facilities and the Equipment of Technical Education Workshops in High Schools). Wychowanie Techniczne w Szkole. VII 1967 No.1(56) pp. 28-32.

The author presents the requirements for the organization of the technical education workshop in high schools. The article is connected with the introduction of a new teaching program in technical education to high schools.

529. HULEK, PIOTR. Problem przysposobienia zawodowego młodzieży w liceach ogólnokształcących. (Problem of Vocational Training of High School Students).Chowanna. XI (XXII) 1967 No. 1 pp. 112-120.

An article based on material gathered in the research on the vocational preparation of high school students conducted in several high schools in the country. The author discusses such problems as polytechnization, school scientific clubs, additional courses in vocational subjects for those students who do not intend to pursue their studies.

530. KOZAKIEWICZ, MIKOŁAJ. Maturzystom przed maturą.(For High School Students before Their Final Examinations). Życie Warszawy. XXIV 1967 p. 3.

The author discusses possibilities of further studies for this year high school graduates. As their number greatly exceeds the number of university openings, there is a problem of organizing other forms of studies for them.

531. ŁAPIŃSKA, REGINA. Stosunki między młodzieżą w klasach koedukacyjnych. [R. E.] (Relations between the Sexes in the Co-ed Classes). Psychologia Wychowawcza. X (XXIV) 1967 No. 1 pp. 26-43.

An extensive report on the research on the relations between the sexes in the co-ed high schools conducted by the Chair of Educational Psychology at Warsaw University. The report is divided into the following sections:

1. The Choice of the Research Subject.
2. Research Problems.
3. Research Methods.
4. Schools Investigated.
5. Research Results.
6. Conclusions.

532. Metodyka nauczania języka francuskiego. (Methods of Teaching French). Edited by Stanisław Gniadek. Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1966. 161 pp.

A publication prepared at the Institute of Pedagogy. Contains papers by various authors on methods of teaching French in high schools.

533. NOMAŃCZUK, PIOTR. O metodach nauczania języka rosyjskiego w zreformowanej szkole średniej. (Methods of Teaching Russian in the Reformed High School). Język Rosyjski. XX 1967 No. 2 (105) pp. 11-20.

A paper presented at the conference on methods of teaching Russian in high schools, by the editor in chief of the Język Rosyjski (Russian language) monthly. The author discusses modern methods of teaching the language, which are to be introduced into the reformed high school.

534. POCHANKE, HENRYK. Ocena na zajęciach praktycznych w szkole podstawowej. (Grading Pupils' Work at the Technical Education Classes in Primary School). Wychowanie Techniczne w Szkole. VII 1967 No. 1 (56) pp. 3-12.

Contents:
1. Functions of School Grades.
2. Criteria of Grading Pupils' Progress in Technical Education.
3. Experiments in Grading.
4. Methods of Grading.

535. PREJBISZ, ANTONI. Zagadnienie tzw. podejścia ustnego w nowych programach nauczania języków obcych. (Problems of the Oral Approach in New Programs of Teaching Foreign Languages). Języki Obce w Szkole. X 1966 No. 5 (52) pp. 278-284.

A discussion of a new method of teaching foreign languages, the so-called oral approach which is recommended in new programs prepared by the Ministry of Education for high schools.

536. Środki techniczne w nauczaniu języka polskiego w szkole średniej. (Technical Devices in Teaching

Polish in High Schools). Edited by Alicja Szlązakowa. Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 247 pp.

A collection of pedagogical lectures prepared by practising teachers on the role and use of technical devices in the process of teaching Polish in high schools.

See also: 408, 417, 483.

Vocational

537. BUKSDORF, ATALIA. Niewiadome szkolenia zakładowego. (Unknown Quantities of Vocational Training Courses). Trybuna Ludu. XX 1967 No. 87 (6555) p. 5.

The author argues the necessity for organizational coordination of all kinds of vocational training courses organized by institutions, factories and other industrial enterprises. So far these courses, valuable and instructive as they may be, are only a margin of the educational system.

538. CIEPLAK, LEOPOLD. Zadania techników dla pracujących w okresie poprzedzającym reformę szkolnictwa zawodowego. (Tasks of Vocational Schools forAdults Before the Introduction of the Vocational Education Reform). Oświata Dorosłych. XI 1967 No. 2 (82) pp. 64-70.

Contents:
1. Teaching Methods and School Practice.
2. Teaching Results.
3. The Polish Language Test.
4. Directives for the School Year 1966-67.

539. DOBOSIEWICZ, STANISŁAW. Niektóre problemy reformy programowej szkolnictwa zawodowego. (Some Problems of the Reform of the Vocational Education Program). Nowa Szkoła. 1967 No. 2 pp. 2-8.

Contents:
1. Organization of Works on the Program.
2. Improvement of the Vocational Education Standard as a Basic Problem.
3. Controversial Points of View.

540. DOBOSIEWICZ, STANISŁAW. Szkoła zawodowa przed reformą. (Before the Reform of Vocational Education). Głos Nauczycielski. L 1967 No. 4 pp. 1 and 5.

A presentation of works on the vocational education reform prepared or conducted by the Ministry of Education. The author also discusses the organization of the preparation for the reform.

541. GODLEWSKI, MICHAŁ. Główne kierunki rozwoju kształcenia zawodowego - tendencje, problemy. (Main Tendencies and Problems of the Development of Vocational Education). Szkoła Zawodowa. 1967 No. 3 (276) pp. 33-36.

The author discusses main developmental tendencies of the Polish program of vocational education as determined by national plans for development of the country. He compares the situation in Poland to that in other socialist countries, in relation to such problems as the nomenclature of vocations, the vocational schools reform, the application of cybernetics and psychology in the research on vocational education, etc.

542. Język Polski. (The Polish Language). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 57 pp.

Teaching program of the Polish language prepared by the Ministry of Education for four-year vocational schools.

543. MICHALSKI, BOLESŁAW. Szkolnictwa przyzakładowe i międzyzakładowe. (Factory and Industrial Schools). Szkoła Zawodowa. 1967 No. 2 (275) pp. 1-6.

The author presents the following forms of vocational training organized for young people employed in industry:
1. factory vocational schools for workers,
2. industrial schools for workers organized by school authorities,
3. special vocational courses for workers.

544. MORAWSKI, TADEUSZ. Rola przedmiotów ogólnokształcących w kształtowaniu sylwetki absolwenta szkoły przyzakładowej. (The Role of General Subjects in the Education of Pupils of Factory Schools). Szkoła Zawodowa. 1967 No. 2 (275) pp. 23-24.

The author discusses the necessity of developing the program of general subjects in factory schools. These schools should not only train in given professions, but also prepare the young for the perception of culture and for the participation in the social life of the country.

545. NOWACKI, TADEUSZ. Pedagogika w zakładzie pracy. (Pedagogy in Factories and Institutions). Szkoła Zawodowa. 1967 No. 4 (277) pp. 1-6.

The educational explosion in the modern world manifests itself in the introduction of pedagogy into various social institutions which primary aim is not educational. The author discusses the role of pedagogy in factories and other enterprises (pedagogy of work, training and retraining the staff - etc.).

546. NOWACKI, TADEUSZ. Problematyka i metodologia kształcenia zawodowego. (Problems and Methods of Vocational Education). Szkoła Zawodowa. 1967 No. 3 (276) pp. 9-13.

Contents:
1. Some Remarks on the Research Subject.
2. Research Problems.
3. Scientific Publications.
4. Research Methods.

547. NOWAK, JÓZEF. O jednolity front wychowawczy rady pedagogicznej w szkole przyzakładowej. (The Necessity of Consequent Educational Norms Applied by Teachers' Council in Factory Schools). Szkoła Zawodowa. 1967 No. 2 (275) pp. 11-16.

Contents:
- I. Evaluation of Factory Schools.
  - 1. Standard of Teaching and Pupils' Results.
  - 2. Teaching Staff.
  - 3. Educational Influences in the Factory and at Home.
- II. Development of Educational Responsibility of Teachers' Council.
  - 1. The Role of Headmaster.
  - 2. Selection of Teachers' Staff.
  - 3. Teachers' Vocational Training.
  - 4. Responsibilities of Individual Teachers.
- III. Cooperation between Teachers' Council and Other Authorities.

548. Przygotowanie młodzieży do zawodu w szkołach przyzakładowych. (Vocational Training in Factory Schools). Edited by Łazarczyk. Warszawa, 1966. 108 pp.

A presentation of material gathered in an investigation on vocational training in factory schools conducted by means of the questionnaire method in Warsaw and Łódź.

549. PUŚLECKI, WŁADYSŁAW. Kształcenie ogólne w SPR. (General Education in Junior Agricultural Colleges). Szkoła Zawodowa. 1967 No. 1 (274) pp. 24-27.

The author discusses a new teaching program of general subjects introduced to junior agricultural colleges, special two year vocational schools organized in rural districts.

550. RADWIŁOWICZ, RYSZARD. Aktywizacja uczniów w procesie kształcenia zawodowego istotnym problemem badań. Cz. I. (Development of Pupils' Active Participation in the Process of Vocational Training as a Research Subject. Part I.). Szkoła Zawodowa. 1967 No. 3 (276) pp. 24-26.

Contents:
1. Methods of Research on Vocational Education.
2. Results Obtained by the Research Group in 1964.
3. Development of Pupils' Active Participation as a Condition of Modern Approach to Studies.

551. RADWIŁOWICZ, RYSZARD. Aktywizacja uczniów w procesie kształcenia zawodowego istotnym problemem badań. Cz. II. (Development of Pupils' Active Training as a Research Subject. Part II). Szkoła Zawodowa. 1967 No. 4 (277) pp. 6-10.

Contents:
1. Pupils' Intellectual Curiosity.
2. Problem Teaching and Studying.
3. Conditions of Pupils' Active Participation in the Educational Process.
4. Problem Situations.
5. Conditions and Forms of the Realization of Research Works Conducted by Practitioners of Education.

552. RODEWALD, WŁODZIMIERZ. Technika przyzakładowa. (Factory Vocational Schools). Szkoła Zawodowa. 1967 No. 2 (275) pp. 7-9.

The author discusses the following problems connected with the organization and role of factory vocational schools: recruiment of students, teaching staff, school equipment, educational tasks.

553. SALACH, WALDEMAR. Z doświadczeń programowych w pracy z najstarszymi grupami modelarzy lotniczych w Pałacu Młodzieży w Warszawie. (From My Experience of Conducting Clubs of Aeroplane Modeling in the Palace of Youth in Warsaw). Wychowanie Techniczne w Szkole. VII 1967 No. 2 (57) pp. 43-51.

Contents:
1. Introduction.
2. Educational and Didactic Aims.

3. Yearly Plan of Works Conducted in the Aeroplane Modeling Club.
4. Teaching Methods.
5. Bibliography of the Subject.

554. Studia nad kształceniem zawodowym. (Studies on Vocational Education). Edited by Tadeusz Nowacki, Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 281 pp.

A presentation of the organization, methods and results of studies on vocational education conducted by the Institute of Pedagogy in Warsaw.

555. TOMASZEWSKI, TADEUSZ. Psychologiczne problemy szkolenia zawodowego. (Psychological Problems of Vocational Education). Szkoła Zawodowa. 1967 No. 3 (276) pp. 14-19.

Contents:
1. Psychology in the Vocational Education System.
2. Personality of a Working Adult.
3. Knowledge of Human Activities.
4, Psychological Elements of the Vocational Training Methods.

556. TYMOWSKI, JANUSZ. Profil technika. (The Technician's Profile). Szkoła Zawodowa. 1967 No. 3 (276) pp. 20-33.

The growing modernization of industrial equipment increases the demand for highly qualified technical workers in the national economy. The author discusses the present system of training technicians, and shows how it could be perfected.

557. WĘGRZYNOWICZ, JACEK. Reportaż z pokazu wyposażenia wnętrz pracowni. (Report on the Demonstration of the Equipment of the Technical Education Workshops). Wychowanie Techniczne w Szkole. VII 1967 No. 1 (56) pp. 21-28.

A report on the demonstration of various equipments for school workshops of technical education. The demonstration was organized by the Ministry of Education, in September, 1966.

558. ZIELIŃSKI, ZYGMUNT. Elementy postępu pedagogicznego w szkolnictwie zawodowym. (Elements of Pedagogical Progress in Vocational Schools). Szkoła Zawodowa. 1967 No. 1 (274) pp. 17-20.

Contents:
1. Pedagogical Progress in the Programming of Vocational Education.
2. Pedagogical Progress in the Structure of Teaching.

See also: 404, 413, 415, 416, 419, 420, 507, 527,565,596.

Higher

559. DENEK, KAZIMIERZ and MALUDA, MARIAN. Maszyny dydaktyczne w pracy nauczyciela. (Teaching Machines in Teachers' Work). Szkoła Zawodowa. 1967 No. 1 (274) pp. 33-36.

Work prepared at the Interdepartmental Institute of New Teaching Techniques at the Adam Mickiewicz University in Poznań. Contains a presentation of teaching machines used in Poznań schools, and a discussion on their role in the teaching process.

560. DERESIEWICZ, JANUSZ. Z doświadczeń nowej formy egzaminu wstępnego. (New Form of University Entrance Examinations). Życie Szkoły Wyższej. XIV 1966 No. 12 pp. 61-69.

The author presents a new form of university entrance examinations at the Department of Law at the Adam Mickiewicz University in Poznań. The candidates, besides traditional examinations in history and geography, had to attend a specially prepared lecture, and afterwards present a paper connected with the subject presented in the lecture. This form of selecting students proved entirely successful.

561. GOTOWSKI, BOGDAN. Ranga uczelni. (The Prestige of University). Życie Warszawy. XXIV 1967 No. 90 p. 4.

An article on the role of universities in conducting the scientific research program. As the problem of training students is becoming more and more important there is a danger of neglecting the other "theoretical" function of universities. The author finds the danger exaggerated.

562. GUMIŃSKI, KAZIMIERZ. Z rozważań nad uniwersytetami w Polsce. (Reflections on Polish Universities). Życie Szkoły Wyższej. XIV 1966 No. 12 pp. 13-31.

Contents:
1. Character of the University.

2. Conflict between Natural Sciences and the Humanities.
3. Discrepancy between the Development of Science and Universities.
4. Conclusions.

563. Informator dla kandydatów na studia wyższe dla pracujących (Zaoczne i wieczorowe).Na r.szk.1967/68. (Directory for Candidates for Advanced, Extramural and Evening Studies for Adults in the Academic Year 1967-68). Edited by Kazimierz Czyżyk. Warszawa, Państwowe Wydawnictwo Naukowe,1966.176 pp.

564. Informator dla Kandydatów na studia dla pracujących w Wyższych Szkołach Pedagogicznych.W r.ak. 1967/ /68. (Directory for Candidates for Studies for Adults in Advanced Schools of Pedagogy in the Academic Year 1967-68). Warszawa, 1967. 36 pp.

565. Informator dla kandydatów do szkół wyższych i średnich szkół zawodowych dla maturzystów. Na r. szk. 1967/68. (Directory for High School Graduates - Candidates for Secondary and Advanced Vocational Schools in the School Year 1967-68). Edited by Kazimierz Czyżyk. Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 407 pp.

566. JABŁOŃSKI, HENRYK. Węzłowe problemy realizacji reformy studiów. (Key Problems of the Realization of the Higher Education Reform).Życie Szkoły Wyższej. XIV 1966 No. 11 pp. 3-22.

Full text of a speech by the Minister of Higher Education, Professor H. Jabłoński, delivered at the conference of university presidents, September, 1966. The Minister discussed such problems pertaining to the realization of the higher education reform as the development of scientific staff, studies for adults,educational functions of universities, etc.

567. JASICKI, ZBIGNIEW. Kogo przyjąć na studia. (Recruitment of Students). Głos Nauczycielski. L 1967 No. 10 pp. 1 and 7.

The author discusses the following elements of the recruitment of candidates for advanced studies: preparatory works in the last grades of high schools,the university entrance examination, the period of adjustment to the university system and new methods of studying.

568. JASTRZĄB, MIROSŁAWA. Badania nad kształtowaniem się decyzji podejmowania studiów wyższych. (Research on the Decisions of Choosing Advanced Studies). Życie Szkoły Wyższej. XIV 1966 No. 11 pp.113-120.

An analysis of the results obtained in an investigation on the selection of advanced studies conducted by the Institute of Research on Higher Education in last grades of high schools.

569. KATA, WŁADYSŁAW. Efekty nauki - ważki problem społeczny. (Teaching Results as a Social Problem). Trybuna Ludu. XX 1967 No. 34 (6502) p. 3.

The author discusses the problem of the efficiency of teaching and studying at universities and other institutions of higher education.The role of youth organizations and the party in improving the situation is also presented.

570. KIETLIŃSKA, ZOFIA. Proces unowocześnienia dydaktyki w Politechnice Warszawskiej. (The Process of Modernizing Teaching Methods at Warsaw Polytechnic). Życie Szkoły Wyższej. XIV 1966 No. 11 pp. 30-37.

A paper presented at a conference organized by the Polish Teachers' Union at Warsaw Polytechnic (Technical University) in September, 1966. The subject of the conference was the introduction of modern teaching methods to higher education.

571. KIETLIŃSKA, ZOFIA and SUŁEK, MAREK. Opiekun grupy studenckiej w świetle wychowawczej funkcji uczelni. (Educational Functions of the University and the Role of the Tutor of Students' Group). Życie Szkoły Wyższej. XIV 1966 No. 11 pp. 55-63.

A paper delivered at the conference of deans and tutors of Warsaw Polytechnic (Technical University), organized in May,1966.The authors dicussed the role of tutors in the educational process.

572. ŁOPATKA, ADAM. Działalność rady wydziału.(Activities of the Department Council). Życie Szkoły Wyższej. XIV 1966 No. 11 pp. 23-29.

An analysis of the functions and duties of the department council presented on the example of the activities of the council of the Law Department at Poznań university.

573. Niektóre doświadczenia dydaktyczne z kształcenia inżynierów. (Methods of Training Engineers). Życie Szkoły Wyższej. XIV 1966 No. 11 pp. 38-48.

Extensive fragments of the following papers presented at the meeting of the scientific staff of the Department of Mechanics at Warsaw Polytechnic (Technical University) which was organized in March, 1966:

1. Zbigniew Brzoska, The Group System of Studying.
2. Leszek Dulęba, Term Papers.
3. Jan Oderfeld, Examinations.

574. Niektóre problemy rozmieszczenia szkolnictwa wyższego w Polsce. (Some Problems of the Disposition of Higher Education Centers in Poland).Warszawa,Państwowe Wydawnictwo Naukowe, 1966. 75 pp.

A report on a conference organized by the Institute of Research on Higher Education, March, 1966, and devoted to the problems of the disposition of higher education centers in Poland.

575. Program kursu przygotowawczego do egzaminu na wyższe uczelnie techniczne dla pracujących.(Program of Preparatory Course for Candidates for Entrance Examinations at the Advanced Technical Schools for Adults). Warszawa, NOT, 1966. 39 pp.

Program of a study course organized by the Main Technical Organization for candidates for advanced technical studies for adults.

576. PYTKOWSKI, WACŁAW. Uczelnie i staż.(Advanced Schools of Agriculture and Practice Training).Życie Szkoły Wyższej. XIV 1966 No. 12 pp. 85-91.

The author discusses the role, aims and organization of practice training periods for students of advanced schools of agriculture.

577. Skład osobowy oraz spis wykładów i ćwiczeń. Wyższa Szkoła Pedagogiczna w Krakowie. Na r. ak.1966/67. (Program and Teaching Staff Index of the Advanced School of Pedagogy in Cracow for the Academic Year 1966-67). Kraków, 1966. 150 pp.

578. Skład osobowy i spis wykładów. Wyższa Szkoła Rolnicza w Poznaniu. R. ak. 1966(1967).(Program and Teaching Staff Index of the Advanced School of Agriculture in Poznań for the Academic Year 1966--67). Poznań, 1966. 216 pp.

579. Spis wykładów oraz skład osobowy. Wyższa Szkoła Ekonomiczna w Poznaniu w r. ak. 1966/67.(Program and

Teaching Staff Index of the Advanced School of Economics in Poznań for the Academic Year 1966-67). Edited by Urszula Hoffmann. Poznań, Wydawnictwo Uczelniane, 1966. 193 pp.

580. Spis wykładów i skład osobowy. Szkoła Główna Planowania i Statystyki. R. ak. 1966/67. (Program and Teaching Staff Index of the Main School of Planning and Statistics for the Academic Year 1966-67). Warszawa, 1966. 287 pp.

581. SZARRAS, HENRYK. Warunki pracy młodej kadry w uczelni. (Conditions of Work of the Young Scientific Staff). Życie Szkoły Wyższej. XIV 1966 No. 11 pp. 99-112.

An analysis of the results of the questionnaire type research on the work conditions of the young scientific staff prepared at the Institute of Research on Higher Education.

582. TYMOWSKI, JANUSZ. Przyszłość uczelni. (The Future of University). Kultura. V 1967 No. 2 (187) pp. 1 and 9.

An attempt of foretelling the future of universities.The author indicates the following developmental tendencies in higher education: increasing demand for highly qualified specialists in all branches of national economy; merging of technology and pure science; mobility of highly qualified staff; increase in the investments of material foundation of education.

583. WARKAŁŁO, WITOLD. Prawne i wychowacze aspekty odpowiedzialności dyscyplinarnej studentów.(Legal and Educational Aspects of Disciplinary Responsibility of Students). Życie Szkoły Wyższej. XIV 1966 No. 11 pp. 79-97.

A presentation of the disciplinary system for students. Students' offences, forms of punishments, disciplinary commissions procedure are discussed. The author also suggests certain improvements to the existing system.

See also: 498.

Adult

584. Działalność oświatowa Towarzystwa Wiedzy Powszechnej. (Educational Activity of the Society for Popularization of Science). Oświata Dorosłych. XI 1967 No. 3 (83) pp. 155-159.

Fragments from the report on the activity of the Society for Popularization of Science in the school year 1965-66. Such forms of educational work of the Society as lectures, language courses,TV and radio programs etc., are discused.

585. GORZELSKA, JADWIGA. Bibliografia oświaty dorosłych za okres 15.X - 30.XI.1966.Bibliography of Adult Education for the Period of Time: September 15th - November 30th, 1966). Oświata Dorosłych.XI 1967 No. 1 (80) pp. 55-56.

Contents:
1. General Problems.
2. Cultural and Educational Activity.
3. Adult Studies and Self-Instruction.
4. Vocational Education.
5. Hygiene.
6. Reading Interests.

586. GORZELSKA, JADWIGA. Bibliografia oświaty dorosłych za okres 1-31.XII.1966. (Bibliography of Adult Education for December, 1966). Oświata Dorosłych. XI 1967 No. 2 (82) pp. 112.

Contents:
1. General Problems.
2. Cultural and Educational Activity.
3. Adult Studies and Self-Instruction.
4. Vocational Education.
5. Reading Interests.

587. GORZELSKA, JADWIGA. Bibliografia oświaty dorosłych za okres 1-31.I.1967 r. (Bibliography of Adult Education for January, 1967). Oświata Dorosłych. XI 1967 No. 3 (83) p. 168.

Contents:
1. General Problems.
2. Cultural and Educational Problems.
3. Adults' Studies and Self-Instruction.
4. Vocational Education.
5. Libraries and Reading Interests.

588. KOWAL, JÓZEF. Absolwenci szkół dla pracujących w opinii zakładów pracy. (Graduates of Schools for Adults as Seen by Their Employees). Oświata Dorosłych. XI 1967 No. 3 (83) pp. 143-148.

An analysis of the results obtained in an investigation on the professional advancement of graduates of schools for adults. The investigation was conducted by means of questionnaires answered by the employers of the graduates.

589. KRAJEWSKA, KAROLINA. Bibliografia oświaty dorosłych za okres 1-28. II 1967 r. (Bibliography of Adult Education for February, 1967). Oświata Dorosłych XI 1967 No. 4 (83) pp. 223-224.

Contents:
1. General Problems. Theory of Culture.
2. History of Education.
3. Theory of Education.
4. Adult Studies and Self - Instruction.
5. Cultural and Educational Activity.
6. Military Education.

590. MARCZUK, MIECZYSŁAW. Sprawa struktury wiedzy a kształcenia korespondencyjne. (The Problems of the Structure of Science and the Correspondence Studies). Oświata Dorosłych. XI 1967 No. 4 (83) pp.169-173.

An article on the methods of improving the efficiency of teaching in adult education. The author considers methods based on memorising the teaching material thoroughly out-of-date, and proposes instead a system based on the integral structure of a teaching subject.

591. MATULKA, ZOFIA. Humanistyczne wartości w działalności szkoły dla pracujących. (Humanistic Values in Schools for Adults). Oświata Dorosłych.XI 1967 No. 1 (80) pp. 16-21.

The author presents the results of her investigation on reasons for adults' studies conducted for several years in one of primary schools for adults in Warsaw. Though the original decision is usually prompted by necessity (requirements of the employers), other reasons (desire for intellectual and cultural advancement) are soon introduced.

592. MAZIARZ, CZESŁAW. Uniwersytet powszechny jako organizator samokształcenia. (The Role of University Extension Courses in the Organization of Self-Instruction). Oświata Dorosłych. XI 1967 No. 1 (80) pp. 21-25.

The author discusses the changing role of university extension courses in the modern world: their character becomes more and more intensive, developing professional and general knowledge of the students.

See also: 563, 564, 575.

Special

593. JĘDRZEJCZAK, MARIAN. Postawy rodziców mających dzieci głuche. (Attitudes of Parents of Deaf Children). Szkoła Specjalna. XXVIII 1967 No.1 pp.55-62.

The author presents the results of his investigation on the attitudes of parents of deaf children. He divides them into emotional (positive and negative), and rationalized.

594. KIREJCZYK, KAZIMIERZ. Szkolnictwo specjalne a normalne, ich zależność i wzajemne powiązania. (Interrelations between Special and Normal Schools). Głos Nauczycielski. L 1967 No. 14 p. 9.

The author discusses the role and organization of all kinds of special schools (schools for mentally under developed children, schools in houses of correction for juvenile delinquents, schools for children with defective eyesight and hearing, hospital schools for physically disabled children etc.). The problem of handicapped children in normal schools is also discussed.

595. ŁOBOCKI, MIECZYSŁAW. Źródła uprzedzeń młodzieży społecznie niedostosowanej do rodziców. [F] (Reasons for Hostility of the Socially Maladjusted towards Their Parents). Szkoła Specjalna. XXVIII 1967 No. 1 pp. 36-49.

The author discusses the results of an investigation on the attitude of the young people socially maladjusted towards their parents. Determination of reasons for their hostility (predominant feeling), can help in defining the model behavior and conduct of parents in dealing with handicapped children.

596. NOWAKOWSKI, JÓZEF. Problem rewalidacji zawodowej i społecznej młodocianych odchylonych od normy. [F] (Problems of Vocational and Social Re-education of Handicapped Children). Szkoła Specjalna. XXVIII 1967 No. 1 pp. 12-35.

Contents:
1. Special Schools of Vocational Training.
2. Kinds of Vocational Training in Special Education Centers.
3. Forms of Vocational Training.
4. Plans for the Further Development of Special Schools of Vocational Training.
5. Accepting Pupils to the First Grade of Vocational Schools.

6. Organization of the Teaching and Educational Process in the Special Schools of Vocational Training.
7. Teaching Results.
8. Reform of Special Schools of Vocational Training.

597. ORACZ, ANDRZEJ. Szkolnictwo specjalne na cenzurowanym. (Critical Analysis of Special Education). Głos Nauczycielski. L 1967 No. 5 p. 5.

On the basis of a careful analysis of the special education system, the author argues the necessity of reforming it. Such problems as insufficient number of special schools, selection of pupils for these schools, efficiency of teaching there, should be carefully investigated.

598. PIECZATKA, HENRYK. Praca z dziećmi niedosłyszącymi. (Teaching Children with Defective Hearing). Problemy Opiekuńczo-Wychowawcze. 1967 No. 2 (105) pp. 20-22.

An article written by a director of an Advisory Center for Children with Defective Hearing in Wrocław. The author discusses the situation of these children with defective hearing who, for various reasons (insufficient number of special schools, or normal mental development of the children) attend regular primary schools.

599. SKALSKI, ZBIGNIEW. Zastosowanie instrumentu dźwiękowo-świetlnego w rewalidacji niesłyszących. [F] (The Audio-Visual Instrument in the Re-education of the Deaf). Szkoła Specjalna. XXVIII 1967 No. 1 pp. 50-53.

The author presents an experimental application of the audio-visual instrument in the re-education of the deaf. The instrument transforms the musical notes into colours and shapes, thus enabling the deaf to comprehend the essence of music.

600. SZUMAN, WANDA. O dostępności rysunku dla dzieci niewidomych. (Teaching Drawing to Blind Children). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 141 pp.

A book for teachers of special schools on methods of teaching blind children, drawing, thus explaining the rudiments of visual arts.

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Selected Bibliography of Polish Educational Materials

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The bulk of the materials listed in the present issue was published in the period of time from May 16th to July 31st, 1967.

HISTORY OF EDUCATION

601. TRUCHIM, S. Historia szkolnictwa i oświaty polskiej w Wielkim Księstwie Poznańskim 1815-1915. (History of Schools and Polish Education in the Great Poznań Principality in the Years 1815-1915). Wrocław, Ossolineum, 1967. 280 pp.

The author presents the development, functioning and organization of Polish nursery, elementary, vocational and general schools in the Great Poznań Principality, a part of Poland under Prussian occupation. He also makes an attempt to appraise their social and patriotic importance.

See also: 742, 784, 789, 792, 794

LAWS AND LEGISLATION

602. Instrukcja z dnia 18 marca 1967 r. w sprawie przyjmowania kandydatów i przeprowadzania egzaminu wstępnego do klasy I szkół zawodowych oraz liceów ogólnokształcących młodzieżowych i dla pracujących w roku szkolnym 1967/68. (Instruction Issued by the Ministry of Education and Higher Education, March 18th, 1967, concerning the Procedure of Accepting Candidates and Organizing Entrance Examinations to the First Grade of Vocational and High Schools (Regular and Adult) in the School Year 1967-68). Dziennik Urzędowy Ministerstwa Oświaty i Szkolnictwa Wyższego. 1967. No. B-2 Item 18.

Contents:
1. General Rules.
2. Acceptance Requirements.
3. Entrance Examinations.
4. Conclusion.

603. Komunikat w sprawie podręczników dla szkół ogólnokształcących, zawodowych i zakładów kształcenia nauczycieli na rok szkolny 1967/68. (Announcement of the Ministry of Education and Higher Education of a List of Textbooks for High Schools, Vocational Schools, and Teacher's Colleges for the School Year 1967-68). Dziennik Urzędowy Ministerstwa Oświaty i Szkolnictwa Wyższego. 1967 No. B-3 Item 25.

604. Komunikat w sprawie wydawnictw zatwierdzonych do użytku szkolnego. (Announcement of the Ministry of Education and Higher Education of a List of Publications Recommended for School Use in November, 1966). Dziennik Urzędowy Ministerstwa Oświaty i Szkolnictwa Wyższego. 1967 No. B-1 Item 11.

605. Komunikat w sprawie wydawnictw zatwierdzonych do użytku szkolnego. (Announcement of the Ministry of Education and Higher Education of a List of Publications Recommended for School Use in December, 1966). Dziennik Urzędowy Ministerstwa Oświaty i Szkolnictwa Wyższego. 1967 No. B-1 Item 12.

606. Komunikat w sprawie podręczników i książek pomocniczych zatwierdzonych do użytku szkolnego oraz książek zakwalifikowanych do bibliotek szkolnych. (Announcement of the Ministry of Education and Higher Education of a List of Books and Textbooks Recommended for School Use and School Libraries in January, 1967). Dziennik Urzędowy Ministerstwa Oświaty i Szkolnictwa Wyższego. 1967 No. B-2 Item 19.

607. Komunikat w sprawie podręczników i książek pomocniczych zatwierdzonych do użytku szkolnego oraz książek zatwierdzonych do bibliotek szkolnych. (Announcement of the Ministry of Education and Higher Education of a List of Books and Textbooks Recommended for School Use and School Libraries in February, 1967). Dziennik Urzędowy Ministerstwa Oświaty i Szkolnictwa Wyższego. 1967 No. B-2 Item 20.

608. Zarządzenie Ministra Oświaty i Szkolnictwa Wyższego z dnia 1 kwietnia 1967 r. w sprawie wprowadzenia planu nauczania w liceum pedagogicznym dla wychowawczyń przedszkoli na podbudowie 8 klasowej szkoły podstawowej. (Ordinance Issued by the Minister of Education and Higher Education, April 1st, 1967, concerning the Introduction of a New Teaching Plan to the Pedagogical High School for Nursery School Instructors). Dziennik Urzędowy Ministerstwa Oświaty i Szkolnictwa Wyższego. 1967 No. B-3 Item 23.

609. Zarządzenie Ministra Oświaty i Szkolnictwa Wyższego z dnia 21 kwietnia 1967 r. w sprawie zasad organizacji pracy szkół i innych placówek oświatowo-wychowawczych w roku szkolnym 1967/68. (Ordinance Issued by the Minister of Education and Higher Education, April 21st, 1967, concerning the Rules Regulating the Organization and Worl of Schools and Other Educational Centers in th

School Year 1967-68). Dziennik Urzędowy Ministerstwa Oświaty i Szkolnictwa Wyższego. 1967 No. B-3 Item 24.

The enclosed Instruction contains rules regulating the organization of work in the following educational institutions:

I. General Schools:
  1. Primary Schools.
  2. High Schools.
  3. Primary Schools and Courses for Adults.
  4. High Schools for Adults and Correspondence High Schools.

II. Vocational Schools:
  1. Vocational Schools.
  2. Junior Agricultural Colleges.
  3. Vocational Schools for Adults.

III. Teachers' Training:
  1. Secondary Pedagogical Schools.
  2. Correspondence Pedagogical Schools.
  3. Teachers' Colleges.
  4. Courses in Pedagogy.

IV. Special Schools:

V. Extramural Education for Adults.

VI. Preschool Education.

VII. Educational Activity of Schools and Centers of Extramural Education.

GENERAL INFORMATION ON EDUCATION

610. DOWJAT, TADEUSZ. Niektóre warunki optymalizacji wykształcenia. (Securing Optimal Conditions for Education). Życie Szkoły Wyższej. XV 1967 No. 4 pp. 65-70.

The author discusses changes resulting from the organization of one central administrative body of education (the Ministry of Education and Higher Education). He shows ways in which this decision can help in unifying and improving the whole structure of education in Poland.

611. KRUSZEWSKI, KRZYSZTOF. Międzynarodowe seminarium - wychowanie dla świata bez wojen. (International Seminar on the Education for the World of No Wars). Kwartalnik Pedagogiczny. XII 1967 No. 1 (43) pp. 245-250.

A report on an international seminar organized by the World Peace Council and the War Resisters' International in August, 1966, in Warsaw. The subject of the seminar was education of the young in the atmosphere of peace and friendship in the international relations.

612. KRUSZEWSKI, KRZYSZTOF. Możliwości wychowania dla pokoju. [R.E.] (Possibilities of Education for Peace). Kwartalnik Pedagogiczny. XII 1967 No. 1 (43) pp. 87-94.

An extented text of a paper presented at the international seminar on the education for the world of no wars, held in August, 1966, in Warsaw. The author discusses three personality types consciously formed by educational institutions: the aggressive type, the nonaggressive type, the "citizen-of-the world" type.

613. ORŁOWSKI, STANISŁAW. Społeczny front opieki nad szkołami. (Social Supervision of Schools). Głos Nauczycielski. L 1967 No. 25 pp. 1 and 6-7.

The author discusses various forms of assistance and supervision offered by factories, institutions and the society as a whole to schools.

614. Po IV Zjeździe Szkolnego Związku Sportowego. (The 4th Meeting of the School Sport Union). Wychowanie Fizyczne i Higiena Szkolna. XV 1967 No. 4 pp. 2-6.

A report on the 4th Meeting of the School Sport Union. Contains a full text of a speech by the Minister of Education and Higher Education, Professor Henryk Jabłoński, a full text of a speech by the President of the Main Committee of Physical Culture, Mr. Włodzimierz Reczek, a summary of a speech by the President of the School Sport Union, Mr. Wiesław Adamski, and the resolution of the meeting.

615. Rozwijajmy poczucie odpowiedzialności całego społeczeństwa za wychowanie młodego pokolenia. (Social Responsibility for the Education of the Young). Wychowanie. 1967 No. 12 (184) pp. 3-6.

An interview with the President of the Main Administration of the Polish Teachers' Union, Mr. Marian Walczak, published in the columns of the Wychowanie biweekly. The subject of the interview was the role of the Union in the realization of the most urgent educational tasks, such as the improvement of professional qualifications of teachers, the introduction of the school reform, forthcoming reform of the teachers' training system, etc.

616. SUCHODOLSKI, BOGDAN. Międzynarodowe Sympozjum w sprawie jakości oświaty. (International Symposion or the Efficiency of Education). Kwartalnik Pedagogiczny. XII 1967 No. 1 (43) pp. 215-227.

A detailed report on the international symposion on the efficiency of teaching, organised by the International Institute of Educational Planning, in June, 1966, in Paris.

617. ŻAKOWA, MARIA. Nowe zadania w programie UNESCO w dziedzinie oświaty na lata 1967-1968. (New Tasks of the UNESCO Educational Program in the Years 1967-1968). Ruch Pedagogiczny. IX(XLI) 1967 No. 3 pp. 399-405.

Contents:

1. New Tasks in the Years 1967-1968.
2. Equal Educational Rights for Girls and Women.
3. Special Education.
4. Teachers' Training.
5. Teaching Programs, Methods and Techniques.
6. Higher Education.

See also: 654, 755, 761

SOCIAL AND EDUCATIONAL SCIENCES

618. ANTOS, D. and others. Jak usuwać seplenienie i inne wady wymowy. (How to Cure Stammering and other Faults of Pronounciation). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. pp.

A collection of text exercises and illustrations of corrective work for curing pronounciation faults of children, preceded by a theoretical study on the reasons of pronounciation faults and methods of curing them.

619. BARTECKI, JAN. Podstawowe zagadnienia pedagogiki ogólnej i dydaktyki. (Basic Problems of General and Didactic Pedagogy). Warszawa, Dział Wydawnictw SGGW, 1967. 193 pp.

A textbook for students of Teachers' Colleges and teachers of agricultural schools. Contains a discussion on general pedagogical problems, and an analysis of teaching methods.

620. BAZYLAK, BLANDYNA. Opinia społeczna jako problem pedagogiczny. [R. E.] (Social Opinion as a Pedagogical Problem). Kwartalnik Pedagogiczny. XII 1967 No. 1 (43) pp. 63-83.

Contents:

1. The Notion of Social Opinion.
2. The Impact of the Social Opinion of a Schoolclass on the Individual.
3. The Formation of Social Opinion by Teachers.
4. Report on the Investigation of the Social Opinion of a Schoolclass.

621. BAZYLAK, BLANDYNA and ZABOROWSKI, ZBIGNIEW. Z badań nad motywacją aktywności społecznej uczniów. (Research on the Motivation of Pupils' Social Activities). Kwartalnik Pedagogiczny. XII 1967 No. 2 (44) pp. 113-121.

Contents:

1. Research Problems.
2. Hypothesis - People Investigated.
3. Organization and Methods of Research.
4. Presentation of the Research.
5. Research Results.
6. Conclusions.

622. BOLECHOWSKA, MARIA. Piśmiennictwo na temat poznawania uczniów w pracy szkolnej. (Literature on Appraising Pupils on the Basis of Their School Work). Chowanna. XI(XXII) 1967 No. 2 pp. 206-231.

A presentation of various theories on, and methods of testing and appraising pupils on the basis of their school work. Bibliography of works (Polish and foreign - translated into Polish) on the subject is included.

623. FILIPCZUK, HALINA. Dom dziecka a potrzeby wychowanków. (Homes for Children and the Needs of Their Inhabitants). Problemy Opiekuńczo-Wychowawcze. 1967 No. 4 (107) pp. 11-16.

The author discusses the situation in the homes for children from the point of view of their inhabitants' needs (physical-living conditions, nutrition, and psychic-desire to learn and act). Though the objective conditions for the realization of these needs are good, the role of teachers and educators in applying them to individual cases is great.

624. FLESZNEROWA, EDDA. Nowe propozycje psychologów dla dydaktyki. (New Psychological Propositions for Teachers). Nowa Szkoła. 1967 No. 5 pp. 25-29.

The author discusses the following psychological theories of teaching:

1. belief in unlimited (by age, talents, etc.) possibilities and abilities of children (a Soviet psychologist, Elkonin),
2. accepting a traditional view of child's development, yet enlarging the teaching program of primary schools (an American psychologist, J. Bruner),
3. conscious forming and developing of children's intellectual activities (a Soviet psychologist, Galpierin),
4. the role of requirements in children's intellectual development (a Soviet psychologist, N. Mienczyńska).

625. GORISZEWSKI, WŁODZIMIERZ. Praca z podręcznikiem i książką w szkole średniej podstawowym elementem racjonalnego uczenia się i samokształcenia młodzieży. (Work with Textbooks and Secondary Sources in High Schools as a Basic Element of Studies and Self-Instruction). Chowanna. XI(XXII) 1967 No. 2 pp. 257-267.
A presentation and analysis of the results obtained in an investigation on the young people's ability to use textbooks and secondary sources in the process of studying. The investigation was conducted in several high schools in the Katowice district.

626. GURYCKA, ANTONINA. Obserwacja topograficzna. [R.E.] (Topographical Observation). Psychologia Wychowawcza. X(XXIV) 1967 No. 2 pp. 171-185.
The author proposes a new observational technique in modern psychology, namely the observation of an individual in a group, where both the observed individual and his social environnemt are subjected to simultaneous and equal observations.

627. Ideologia i światopogląd w wychowaniu. (Ideology in Education). Edited by Wojciech Pomykało. Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 274 pp.
A collection of articles by various authors, educators and scholars, on problems pertaining to the role of ideology in education. The work is divided into following sections:
1. General Problems of the Modern World.
2. Patriotic Education.
3. Young Generation.
4. School Education.
5. Socialist Education.

628. JASIŃSKA, ZENOBIA. Poznawanie motywów uczenia się. (Motivation of Learning). Chowanna. XI(XXII) 1967 No. 2 pp. 152-158.
Contents:
1. The Research Problem.
2. Organization and Methods of the Research.
3. The Research Results.
4. Conclusions.

629. KACZOR, STANISŁAW. O poglądach nauczycieli i rodziców na wychowanie seksualne. (Teachers' and Parents' Opinions on Sexual Education). Wychowanie. 1967 No. 10 (182) pp. 16-19.
The author presents the results of an investigation on teachers' and parents' opinions on the necessity of introducing sexual education to primary schools. The investigation was conducted by means of the questionnaire

method and proved that the problem is very often misunderstood (especially in rural districts and small towns).

630. KALINOWSKI, ADAM. W sprawie metodyki treningu sportowego młodzieży. (Methods of Sport Training of the Young). Wychowanie Fizyczne i Higiena Szkolna, XV 1967 No. 4 pp. 13-16.

Contents:
1. Teaching Sport Technique.
2. Developing Physical Fitness.
3. Schedule of Training.
4. One Year Training Periods.
5. Intensity of Training and Nutritive Diet.
6. Bibliography.

631. KLEMENSIEWICZ, ZENON. Język w kulturze narodu. (The Role of the Language in National Culture). Życie Szkoły Wyższej. XV 1967 No. 1 pp. 15-19.

A speech delivered by Professor Zenon Klemensiewicz at the Congress of Polish Culture, September, 1967. The subject of the speech is the role of the language in the development of the nation. The following functions of the language are discussed: language as an element integrating a nation (historically speaking), language as a determinant of national awareness and dignity, language as a means of forming and preserving cultural achievements (literature, science), and language as a means of popularization of national, scientific and cultural tradition.

632. KLUCZYŃSKI, JAN. Prace nad ekonomiką oświaty. (Works on the Economics of Education). Kwartalnik Pedagogiczny. XII 1967 No. 1 (43) pp. 235-242.

Contents:
1. General Problems of the Economics of Education.
2. Qualified Specialists and the Needs of the National Economy.
3. Costs of Training Specialists and the Efficiency of Education.
4. Plans for Further Work on the Subject.

633. KOMOROWSKI, BOGDAN. II Ogólnopolski zjazd naukowy Polskiego Towarzystwa Logopedycznego. (The 2nd Scientific Conference of the Polish Logopaideic Society). Kwartalnik Pedagogiczny. XII 1967 No.1 (43) pp. 257-261.

A report on the 2nd National Scientific Conference of the Polish Logopaideic Society, held in February, 1966, in Warsaw. The meaning and scope of logopaideics, a theory and practice of correct pronounciation, are also discussed.

634. KOŁEK, ELŻBIETA. Poznawanie samodzielności i inicjatywy uczniów w pracy szkolnej. (Independence and Initiative of Pupils in Their School Work). Chowanna. XI(XXII) 1967 No. 2 pp. 159-172.
The author presents the organization and results of her investigation on pupils' independence and initiative in their school career. The work contains definitions of "independence" and "initiative" notions in pedagogy, and a directory for measuring them in particular cases. The directory, prepared by the author in the course of the investigation, contains the following sections:
1. Instruction.
2. Preparation of Homework and Participation in Classes.
3. Learning from Textbooks and Secondary Sources.
4. Applying the Knowledge Acquired in Practice (Classes, Exercises, etc.).
5. Learning in One's Environment.
6. Organization of the Learning Process.
7. Extramural Activities.
8. Conclusions.

635. KRAWCZYK, MIRON. Model wychowania. [R.E.] (Educational Model). Ruch Pedagogiczny. IX(XLI) 1967 No. 3 pp. 285-309.
The author discusses differences between teaching and educational processes. On the basis of this comparison he formulates the elements of an educational model, analyzes its functions, and discusses its organization.

636. LAM, W. Malarstwo dziecka w świetle współczesnych poglądów. (Modern Theories on Children's Painting). Warszawa, Nasza Księgarnia, 1967. 66 pp.
The author analyzes children's artistic abilities, specific character of their creative processes and attributes of children's painting. He presents methods of developing this art and discusses its educational value.

637. LEWIN, ALEKSANDER. Uwagi ogólne na temat wychowania kolektywnego. (General Remarks on Collective Education). Wychowanie w Przedszkolu. XX 1967 No. 6 (206) pp. 241-247.
Contents:
1. Sociological Element.
2. Psychological Element.
3. Pedagogical Element.
4. Elements of Educational System.

638. LEWIN, ALEKSANDER. Wymagania pedagogiczne w świetle teorii wychowania kolektywnego. (Pedagogical De-

mands in the Theory of Collective Education). Problemy Opiekuńczo-Wychowawcze. 1967 No. 5 (108) pp. 7-11.
Contents:
1. Dynamics of Demands.
2. Phases in the Development of a Collective.
3. Demands and Discipline.
4. Forming Educational Demands.

639. LISIKIEWICZ, JERZY and MACIEJA, JAN. W sprawie koncepcji i zakresu przedmiotowego ekonomiki przemysłu. (Conception and Scope of Economics of Industry). Życie Szkoły Wyższej. XV 1967 No. 2 pp. 37-45.
Social and economic development of the modern world determines a great development of science, and a foundation of new scientific disciplines. One of them is the economics of industry, discussed in the present article from various points of view (scientific, economic, social etc.).

640. ŁOBOCKI, MIECZYSŁAW. O współzawodnictwie w życiu szkolnym. (Competition in School Life). Wychowanie. 1967 No. 12 (184) pp. 11-12.
The author discusses advantages and disadvantages of competition in school life. The educational value of rivalry is negative, yet as it is inavoidable, the teacher's task is to organize it in a desirable way.

641. ŁOBOCKI, MIECZYSŁAW. Problematyka badań z zakresu kształtowania postaw moralnych u dzieci i młodzieży. (Problems of Developing Moral Attitudes of Children and Young People). Kwartalnik Pedagogiczny XII 1967 No. 1 (43) pp. 143-155.
Contents:
1. Research Methods.
2. Investigation on the Efficiency of the So-called Educational Meeting.
3. Analysis of Collected Material.
4. Conclusions.

642. ŁOBOCKI, MIECZYSŁAW. Techniki socjodramatyczne. (Social and Dramatic Techniques). Problemy Opiekuńczo-Wychowawcze. 1967 No. 5 (108) pp. 34-37.
The author disscusses educational values and way of applying social and dramatic techniques, i.e. a spontaneous staging of imaginary situations, in school practice.

643. MATEJKO, ALEKSANDER. Badania socjologiczne kadry naukowej. (Sociological Investigation of the Scientific Staff). Życie Szkoły Wyższej. XV 1967 No. 2 pp. 95-100.
The author presents the results of an inve-

stigation on social and organizational conditions for vocational motivation of scientific staff, conducted by the Institute of Research on Higher Education.

644. MIKULSKI, JERZY. O wychowaniu integralnym w środowisku. [R.E.] (Integration of Education). Ruch Pedagogiczny. IX(XLI) 1967 No. 3 pp. 318-334.
Contents:
1. Definition of Social Education.
2. Family Environment.
3. The Same-Age Group.
4. School Environment.
5. Local Environment.
6. Integration of Education.

645. MOROZ, HENRYK. Badania nad "wiedzą" matematyczną dziecka wstępującego do szkoły. (Investigation on the Knowledge of Mathematics of Children Entering Primary Schools). Kwartalnik Pedagogiczny. XII 1967 No. 1 (43) pp. 126-142.
Contents:
1. Organization and Aims of the Investigation on the Knowledge of Mathematical Notions by Seven-Year-Old Children.
2. Description of the Investigation Methods.
3. Appraising Children's Knowledge of Elementary Mathematical Notions.
4. Conclusions.

646. MUSZYŃSKI, HELIODOR. Kształtowanie się społeczno-moralnej sylwetki dziecka. (Social and Moral Development of the Child). Wychowanie w Przedszkolu. XX 1967 No. 5 (205) pp. 194-200.
Contents:
1. Specific Character of Social and Moral Dispositions.
2. General Conditions of Social and Moral Development of the Child.
3. Determinants of Social and Moral Development of the Child.
4. Imitation and Identification.

647. NIEMIERKO, MARIA and BOLESŁAW. Samoocena ucznia. (Pupils' Evaluation of Their Own Work). Klasy Łączone. X 1967 No. 3 (52) pp. 134-138.
Contents:
1. What is Pupils' Evaluation of Their Own Work?
2. The Value of This Evaluation.
3. Research Work on the Subject.
4. Research Results.
5. Conclusions.

648. OKOŃ, JAN. Psychologia inżynieryjna. Historia i Problematyka. (History and Problems of Engineering

Psychology). Szkoła Zawodowa. 1967 No. 6 (279) pp. 12-14.

The author gives a brief history of the psychology of work, and discusses the genesis of engineering psychology. Main problems of the latter are also analyzed.

649. OKOŃ, WINCENTY. Podstawy wykształcenia ogólnego. (Principles of General Education). Warszawa, Nasza Księgarnia, 1967. 374 pp.

A book in the series, the Library of Pedagogical Knowledge, dedicated to teachers and other practitioners of education. This volume deals with the basic problems of general education in primary and secondary schools.

650. OPIELA, BARBARA. Poznawanie zachowań uczniów wobec nauczycieli i kolegów. (Pupils' Behavior and Their Attitude to Teachers and Friends). Chowanna. XI (XXII) 1967 No. 2 pp. 186-197.

Contents:

1. Presentation of the Research Method.
2. Synthesis of the Results Obtained.
3. Psychological Discussion of the Investigated.
4. Conclusions.

651. O postęp pedagogiczny. (For Pedagogical Progress). Nowa Szkoła. 1967 No. 5 pp. 2-5.

Further articles in a discussion on pedagogical progress organized in the columns of the Nowa Szkoła monthly. This issue contains a paper by Professor Bogdan Nawroczyński on the standard of high schools and the problem solving method, and a paper by Doctor Roman Polny on various aspects of pedagogical progress.

652. PIETER, JÓZEF. Ogólna metodologia pracy naukowej. [F.E.] (General Methods of Scientific Work). Wrocław, Ossolineum, 1967. 472 pp.

A directory and discussion of methods of scientific work. Bibliography of works on the subject is included.

653. PILAWSKA, HALINA. Wpływ warunków sanitarno-higienicznych w internatach na wyniki nauczania ich mieszkańców oraz absencję w szkole. (The Influence of Sanitary and Hygienic Living Conditions in Boarding Schools on Study Results of Their Inhabitants). Wychowanie Fizyczne i Higiena Szkolna. XV 1967 No. 4 pp. 25-29.

Contents:

1. Analysis of the Results Obtained in the First Phase of Investigation Conducted in the School Year 1963-64.

2. Comparative Analysis of the Results Obtained in the First (School Year 1963-64) and the Second Phase of Investigation (School Year 1965-66).
3. Comparative Analysis of Research Results and School Absences of Pupils Living in Boarding-Schools and at Home.

654. PODOSKI, KAZIMIERZ. Metoda badania kosztów oświaty na tle analizy wydatków na szkolnictwo ogólnokształcące w województwie gdańskim. (Method of Investigating Costs of Education on the Example of an Analysis of the Expenses on General Schools in the Gdańsk Voievodship). Kwartalnik Pedagogiczny. XII 1967 No. 1 (43) pp. 112-123.

Contents:
1. Some Problems of Investigating Costs of Education.
2. Introductory Analysis of the School Expenses in the Gdańsk Voievodship.

655. Problemy nauczania wiedzy o sztuce. (Problems of Teaching Artistic Education). Edited by Helena Hohensee. Warszawa, Centralny Ośrodek Pedagogiczny Szkolnictwa Artystycznego, 1966, 70 pp.

A book for artistic education teachers in schools and art clubs, containing an analysis of the education-through-art theory, and a discussion on methods of teaching art comprehension and elements of art history.

656. PRZYCHODZIŃSKA, MARIA. Estetyka i pedagogika muzyczna. (Esthetics and Pedagogy of Music). Kwartalnik Pedagogiczny. XII 1967 No. 1 (43) pp. 157-167.

Contents:
1. Repertory of the Musical Education.
2. The Meaning of Music.
3. Conditions for the Proper Perception of Music.
4. Educational Results of Listening to Music.
5. Integration of Arts.

657. RADWIŁOWICZ, RYSZARD. Badania nad stosunkiem nauczycieli do pytań uczniowskich. (Research on Teachers' Attitude to Pupils' Questions). Ruch Pedagogiczny. IX(XLI) 1967 No. 3 pp. 343-351.

A report on an investigation on teachers' attitude to pupils' questions. The investigation was conducted by test and questionnaire methods in several vocational schools.

658. Rozwijamy współczesną teorię pedagogiczną. (Development of Modern Theory of Pedagogy). Głos Nauczycielski. L 1967 No. 27 p. 5.

An interview with the Director of the Institute of Pedagogy in Warsaw, Professor Wincenty Okoń, on the theoretical works conducted at the Institute. The most important of them are: research on the educational program and functions of primary and secondary schools, research on the polytechnical education program, the problem of popularization of secondary education.

659. RUDNIAŃSKI, JAROSŁAW. Godziny i minuty pracy. (Work Hours and Minutes). Problemy Opiekuńczo-Wychowawcze. 1967 No. 4 (107) pp. 32-35.
An article on the eorganization of pupils' work. Mechanical division of a day into periods of studies, rest, reading, sleeping, etc, is impractical as everybody has a different "work-rhythm". The author presents several schedules, and suggests how they can be adjusted to individual needs.

660. SIEMIEŃSKI, MAKSYMILIAN. Nauki pedagogiczne a potrzeby i nauki społeczne. (Pedagogy and Social Sciences). Oświata Dorosłych. XI 1967 No. 5 (84) pp. 225-233.
The author's thesis is that traditional pedagogy (concerning mainly school education) has become inadequate to the needs of modern society. He divides pedagogical sciences into school pedagogy, and extramural pedagogy (andragogy and social pedagogy). The latter, stricly connected with such social sciences as sociology, psychology, social politics, law, scientific organization, and the like, should become the basis both for the theory and the practice of education.

661. SKORUPSKA-SOBAŃSKA, JULIA. Młodzież i dorośli. (The Young and the Grown-Ups). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 176 pp.
The author presents the results of her investigation on the attitude of the young towards the grown-ups, conducted by means of the questionnaire and interview method. The aim of the investigation was to establish the relations between parents, teachers and pupils and to find, if possible, a model modus vivendi of the three groups.

662. SŁOWIKOWSKI, TADEUSZ. Metodyka nauczania historii. (Methods of Teaching History). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 191 pp.
A book for students of teachers' colleges, and teachers of history in primary schools. The author discusses most important problems of history as a teaching subject; he presents methods of introducing new material, repeating the old material, testing pupils' knowledge, etc.

663. SOKOŁOWSKA, A. Stosunek młodzieży do jej perspektyw życiowych na podstawie badań dzielnicy Ochota w Warszawie. (Young People's Attitude towards Their Future Careers Based on an Investigation in the Ochota District of Warsaw). Warszawa, Państwowe Wydawnictwo Naukowe, 1967. 239 pp.

The work is based on the questionnaire-type research and interviews with young people of various social background, and on reports of courts for juvenile delinquents, Conclusions drawn by the author can serve as valuable aid in solving problems of the handicapped.

664. SUCHODOLSKI, BOGDAN. Różnorodność i jedność wychowania. [R.E.] (Variety and Unity of Education). Kwartalnik Pedagogiczny. XII 1967 No. 2 (44) pp. 43-64.

The author criticizes the universally accepted division of educational activity into physical, mental, moral and esthetic. He discusses the character of socialist education pointing out that it should be based on the real situations of: man in society, man in his professional and private life, man and his leisure time, man's personal development and his participation in the cultural life of the country.

665. SZEDNY, FRANCISZEK. Wyniki nauczania matematyki w świetle ogólnopolskich badań. (Polish Investigation on Results of Teaching Mathematics). Życie Szkoły. XXII 1967 No. 5 (231) pp. 33-43.

Contents:

1. The Research Aim.
2. Analysis of the Research Tests.
3. Qualitative Analysis of the Results Obtained.
4. Comparison between the Results Obtained in 1960 and those of 1966.
5. Conclusion.

666. UZIEMBŁO, ANIELA. Z badań wstępnych nad określeniem specyfiki zainteresowań zagadnieniami społecznymi i ich klasyfikacji. [R.E.] (Some Aspects of Pupils' Interests and Involvement in Social Problems). Psychologia Wychowawcza. X(XXIV) No. 2 pp. 221-227.

Contents:

1. Definitions of Social Interests and Involvement.
2. Meaning of Social Interests.
3. Some Specific Aspects of Social Interests.
4. Bibliography.

667. WILOCH, TADEUSZ J. Pedagogika porównawcza. (Comparative Pedagogy). Ruch Pedagogiczny. IX(XLI) 1967 No. 3 pp. 335-338.

The author argues the necessity of developing comparative pedagogy in Poland. He also briefly discusses the principles of this branch of educational sciences, and presents some theories on the subject.

668. WINKLEWSKI, JAN. Metodyka nauczania geografii. (Methods of Teaching Geography). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 248 pp.
A book for students of teachers' colleges and teachers of geography on methods of teaching geography in primary schools. Plans of model lessons are included.

669. WINNIG, REGINA. Poznawanie aktywności społecznej i uspołecznienia młodzieży. (Social Activity and Social Attitudes of the Young). Chowanna. XI(XXII) 1967 No. 2 pp. 174-185.
Contents:
1. Elements of Social Attitudes.
2. Elements of Social Attitudes Selected for Investigation.
3. Grading Scale of Social Attitudes.
4. Research Results.
5. Conclusions.
6. Bibliography.

670. WOJNAR, IRENA. Sztuka i różne jej dziedziny w kształtowaniu współczesnego człowieka. [R.E.] (The Role of Art and Its Various Disciplines in the Formation of Modern Man). Kwartalnik Pedagogiczny. XII 1967 No. 1 (43) pp. 31-47.
Contents:
1. Introduction. Pedagogical Approach to Art.
2. Art and Life; Short Historical Survey.
3. The World of Art in Contemporary Civilization.
4. The Impact of Art on Man - Spontaneous Situations.
5. Chances of the Education - Through - Art System.
6. Esthetical Awareness of the Modern World.

671. WOŹNICKI, TADEUSZ. O programach i podręcznikach języków obcych. (Teaching Programs and Textbooks of Foreign Languages). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 139 pp.
A publication prepared at the Institute of Pedagogy. Contains a critical analysis of new teaching programs and school textbooks for studies of foreign languages.

672. WÓJCIK, PRZEMYSŁAW. Chodzi o równy start. (For Equal Starting Point). Wychowanie. 1967 No. 12 (184) pp. 15-17.
The author discusses the problem of pupils whose poor school grades are determined by

outside reasons, such as inadequate living quarters, alcoholism of parents, commuting to and from school, etc. A radical improvement in such cases is often impossible, yet maximal effort should be devoted to the problem of securing really equal starting point for all children.

673. ZABOROWSKI, ZBIGNIEW. O integralne ujęcie procesu wychowawczego. [R.E.] (Integration of the Educational Process). Kwartalnik Pedagogiczny. XII 1967 No. 1 (43) pp. 49-61.

Contents:

1. Education as a Process of Developing Personality.
2. Child as an Object of the Educational Process.
3. The Educational Process Model.
4. Practical Applications of the Model.

674. ZACZYŃSKI, WŁADYSŁAW. Rozwój metody eksperymentalnej i jej zastosowanie w dydaktyce. (Development of the Experimental Method and Its Practical Application in the Theory of Teaching). Warszawa, Państwowe Wydawnictwo Naukowe, 1967. 297 pp.

The author presents a theoretical basis of the experimental method in pedagogy, and suggests ways of its practical application in school teaching.

675. ZIELENIEWSKI, JAN. Efektywność badań naukowych. (Efficiency of Scientific Research). Warszawa, Państwowe Wydawnictwo Naukowe, 1966. 99 pp.

A work prepared at the Department of General Problems of the Organization of Work at the Polish Academy of Sciences. Concerns the problems of economic efficiency of scientific research.

676. ŻÓŁKIEWSKI, STEFAN. Kultura polska na świecie. (Polish Culture in the World). Życie Szkoły Wyższej. XV 1967 No. 1 pp. 26-37.

A paper presented by Professor Stefan Żółkiewski at the Congress of Polish Culture, September, 1967. The subject of the paper is a confrontation of Polish culture with cultural systems of other European countries. A historical sketch on the interrelations between Polish and foreign civilizations is presented and the present situation discussed. The author also gives certain suggestions as to the further development of these connections in the future.

See also: 681, 682, 686, 688, 690, 730, 736, 757, 781, 795

THE TEACHER'S PROFESSION

677. IWANOWSKI, WOJCIECH. Niektóre trudności kadrowe. (Difficulties of Teaching Staff). Nowa Szkoła. 1967 No. 5 pp. 6-9.

The author starts his reflections with a discussion on the specific character of teachers' work: educating people for future life in different conditions and systems; then he proceeds to discuss various difficulties encountered by teachers in their work and life.

678. JABŁOŃSKI, HENRYK. Kształcimy pedagogów dla jutra polskiej oświaty. (Training Teachers for Polish Schools). Życie Szkoły Wyższej. XV 1967 No. 41-46.

An opening speech by the Minister of Education and Higher Education, Professor H. Jabłoński, at the Scientific Session organized on the 20th anniversary of advanced schools of pedagogy. The Minister discussed the specific character of teachers' training (as distinguished from other advanced studies), and the needs of the country for highly qualified specialists in education.

679. KLEMENSIEWICZ, ZENON. Rola i zadania ZNP w szkołach wyższych, PAN i instytutach naukowych. (The Role and Tasks of the Polish Teachers' Union in Advanced Schools, the Polish Academy of Sciences, and Scientific Institutes). Życie Szkoły Wyższej. XV 1967 No. 3 pp. 3-17.

A report on the activities of the Polish Teachers' Union in advanced schools, the Polish Academy of Sciences and scientific institutes presented by Professor Zenon Klemensiewicz at the conference of the Science Section of the Union, December, 1966.

680. MACIASZEK, MAKSYMILIAN. Praca dydaktyczno-wychowawcza młodego nauczyciela. (Educational Work of a Young Teacher). Chowanna. XI(XXII) 1967 No. 2 pp. 232-242.

Contents:
1. Preparation for a Class.
2. The Subject-Matter of a Class.
3. Teaching Methods.
4. Evaluation of Teaching Methods Applied.
5. Pupils' Active Participation in Classes.
6. Teaching Abilities.
7. Educational Problems of a Class.
8. Yound Teachers' Self-Evaluation.

681. NIEMIERKO, BOLESŁAW. Powodzenie i niepowodzenie nauczyciela w pracy w świetle ogólnej teorii zachowania. (Teacher's Successes and Failures and the General Theory of Behavior). Kwartalnik Pedagogiczny. XII 1967 No. 2 (44) pp. 65-79.

Contents:

1. General Remarks on Human Behavior and Various Theories on the Subject.
2. Needs and Motivation.
3. Teachers in Conflict Situations.
4. The Phenomenon of Frustration.
5. Adjusted Teachers.
6. Mistakes and Stresses.
7. Maladjusted Teachers.
8. Development of the Teacher's Style of Work.
9. Conscious Development of the Teacher's Personality.

682. PRZECISZEWSKI, TADEUSZ. Z prac Komisji Naukowo-Dydaktycznej Sekcji Nauk ZNP. (Works of the Scientific and Educational Committee of the Science Section of the Polish Teachers' Union). Głos Nauczycielski. L 1967 No. 27 p. 9.

A report on two plenary meetings of the Scientific and Educational Committee of the Science Section of the Polish Teachers' Union, held in the second quarter of 1967. The following problems were discussed: sociology of scientific work, problems of teaching, the reform of the teachers' training system, situation and needs of Polish science.

683. PREJBISZ, ANTONI. W poszukiwaniu nowych dróg doskonalenia kadry nauczycieli języków obcych. (New Methods of Improving Qualifications of Foreign Languages Teachers). Języki Obce w Szkole. XI 1967 No. 3 (55) pp. 131-138.

The author discusses various new methods, Polish and foreign, of improving qualifications of foreign languages teachers. The in-teaching training is analyzed.

684. Reforma systemu kształcenia nauczycieli. (The Reform of the Teachers' Training System). Głos Nauczycielski. L 1967 No. 30 p. 7.

An editorial of the Głos Nauczycielski weekly on the problems pertaining to the forthcoming reform of the teachers' training system in Poland.

685. SUCHODOLSKI, BOGDAN. Akademickie kształcenie nauczycieli. (Training of Teachers at Universities). Głos Nauczycielski. L 1967 No. 24 p. 1.

The author, an outstanding specialist of pedagogy and education, argues the necessity of concentrating teachers' training at universities and advanced schools of pedagogy. Teachers' colleges are, according to him, only half measures in the teachers' training program.

686. SZARRAS, HENRYK. Węzłowe problemy dyskusji na IV Krajowej Konferencji Sekcji Nauki. (Problems of a Discussion at the 4th National Conference of the Science Section of the Polish Teachers' Union). Życie Szkoły Wyższej. XV 1967 No. 3 pp. 18-27.
A report on the discussion at the 4th National Conference of the Science Section of the Polish Teachers' Union, December, 1966. The following groups of problems were discussed:
1. improvement of the efficiency of teaching in advanced schools,
2. employment policy and organization of research in advanced schools and scientific institutes,
3. development of scientific staff,
4. the role of the Union in solving these problems.

687. TABORSKI, WALERY. Zadania i perspektywy rozwoju studiów nauczycielskich. (Tasks and Plans of the Development of Teachers' Colleges). Życie Szkoły Wyższej. XV 1967 No. 4 pp. 47-53.
The author presents statistical data pertaining to the situation of Teachers' Colleges. He also discusses plans for the development of this form of training teachers, paying special attention to cooperation between teachers' colleges and universities.

688. TEOFILEWICZ, KAZIMIERZ. Badania nad stopniem przygotowania absolwentów studiów nauczycielskich do zawodu nauczycielskiego. (Research on the Professional Qualifications of the Graduates of Teachers' Colleges). Kwartalnik Pedagogiczny. XII 1967 No. 2 (44) pp. 123-136.
Contents:
1. Organization and Methods of Research.
2. Young Teachers' Difficulties.
3. Reasons for Educational Difficulties.
4. Proposals for the Improvement of Educational Work in Teachers' Colleges.
5. Conclusions.

689. Tylko dla młodych. (For Young Teachers Only). Głos Nauczycielski. L 1967 No. 23 pp. 10-11.
A directory for young teachers on their duties, tasks and privileges. Professional problems (qualifications, further studies) as well as their living conditions (salary, leaves, apartments, etc.) are discussed.

See also: 603, 608, 609, 615, 617, 662, 668

SCHOOLS AND INSTITUTIONS
(by type or level)

Preschool

690. BILIŃSKA, SZCZĘSNA. O kształceniu umiejętności życia w zespole. (Developing Abilities for Life in a Collective). Wychowanie w Przedszkolu. XX 1967 No. 6 (206) pp. 254-260.

A summing up of a contest on the role of nursery school instructors in the organization of children's life, organized by the Wychowanie w Przedszkolu monthly. Subjects discussed are grouped into following sections:

1. Knowledge of Children.
2. Organization of Collective Life in Nursery Schools.
3. Developing a Collective.
4. Handicapped Children.

691. CIEŚLIKOWSKI, J. Wielka zabawa. (A Great Game). Wrocław, Ossolineum, 1967. 300 pp.

A study on the interrelations between poetry for children and children's folklore. A book for parents, nursery school instructors, and other specialists in preschool education.

692. JEWSTAFIEW, STEFANIA. Jak pracujemy w naszym przedszkolu nad uspołecznieniem dzieci. (Forming Social Attitude of Children in our Nursery Schools). Wychowanie w Przedszkolu. XX 1967 No. 5 (205) pp. 205-209.

Contents:

1. The Importance of First Days.
2. Visits to Sick Friends.
3. Celebrating Birthdays.
4. Toys - a Common Property.
5. Games as Social Experiments.

693. MERŻAN, IDA. Zabawa małych dzieci w domach dziecka. (Games of Small Children in the Homes for Children). Problemy Opiekuńczo-Wychowawcze. 1967 No. 5 (108) pp. 23-28.

The author's thesis, based on her own observations, is that children's ability to play is the surest indicator of their well-being and sense of security. She discusses ways of securing possibilities for playing in homes for children.

694. SAWICKA, ANTONINA. Z problemów wychowania przedszkolnego na wsi. (Problems of Preschool Education in Rural Districts). Wychowanie w Przedszkolu. XX 1967 No. 5 (205) pp. 200-204.

A collection of selected letters from village nursery school instructors to the Wychowanie w Przedszkolu monthly. Two main problems discussed are: the necessity of integrating the nursery school into the rural community life, and the "curing" of seemingly handicapped children (faults of pronounciation, acute shyness, etc.).

695. WĄSOWICZ, JANINA. Przygotowuję się do pracy w dziecińcu. (Preparation for Work in Nursery School). Wychowanie w Przedszkolu. XX 1967 No. 5 (205) pp. 216-221.
The author presents her preparation to independent work in a village nursery school. An overall plan and schedule for one month, and model programs of the realization of definite educational tasks are included.

See also: 608, 609

Primary

696. BERNAŚ, TADEUSZ. O klasach ósmych dobrze i źle. (Critical Appraisal of the 8th Grade of Primary School). Wychowanie. 1967 No. 12 (184) pp. 6-10.
The author presents the results of his investigation on the first year of the introduction of the eighth grade to primary schools. He cites opinions of several teachers of the 8th grade containing critical appraisal of their own work and the work of their pupils.

697. CYBULSKA-PISKOREK, JADWIGA. Elementy wzornictwa przemysłowego w ćwiczeniach kompozycyjnych. (Elements of Industrial Design in Composition Exercises). Plastyka w Szkole. VII 1967 No. 4 (59) pp. 77-82.
An article on the advantages of the introduction of some elements of industrial designing to artistic education classes. The author discusses her method of conducting these classes and presents works done by pupils of the last grades of primary school.

698. CZAJKOWSKI, KAZIMIERZ. O kształtowanie umiejętności i zainteresowań u dzieci młodszych. (Developing Abilities and Interests of Young Children). Problemy Opiekuńczo-Wychowawcze. 1967 No. 4 (107) pp. 7-10.
Contents:
1. The Problems of Abilities and Interests.
2. Methods of Developing Abilities.
3. Abilities and Habits in Grades 1-3:
    a) intellectual,
    b) behavioral,
    c) physical,
    d) artistic,
    e) ways of spending leisure time.

3

699. FRĄTCZAK, JAN. Możliwości wykorzystania audycji telewizyjnych i radiowych w klasach łączonych na lekcjach biologii. (Possibilities of Using TV and Radio Programs in one Teacher Schools). Klasy Łączone. X 1967 No. 3 (52) pp. 118-126.

The author discusses the role of TV and radio programs in biology for one-teacher schools. A list of correlations between these programs and the regular teaching program of the last grades of primary school is included.

700. GARUS, ANNA. Uwagi o urządzeniu sali szkolnej i o pracy biblioteki w szkole o jednym nauczycielu. (Classroom Equipment and Library Work in One-Teacher Schools). Klasy Łączone. X 1967 No. 3 (52) pp. 101-107.

The author presents her experience of educational work in one-teacher school. She discusses the proper way of arranging the classroom, gives a list of necessary equipment and presents methods of organizing a school library and developing children's reading interests and habits.

701. LEWICKA, J. 100 technik plastycznych. (100 Artistic Techniques). Warszawa, Nasza Księgarnia, 1967. 76 pp.

A book for artistic education teachers in schools and extramural educational centers. Contains a discussion of various artistic techniques (crayon, watercolors, carving etc.) included in the school program of artistic education.

702. ŁUKAWSKA, A. Magnetofon w początkowym nauczaniu języka obcego. (Tape-Recorder in the Elementary Teaching of Foreign Languages). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 104 pp.

The author presents results of an experimental use of tape-recorders in teaching the Russian language in the 5th grade. The work is divided into three parts: 1. theoretical analysis of the auditory method, 2. auditory teaching aids, 3. presentation of the experimental classes.

703. NALEPIŃSKI, WIESŁAW. Wskazówki metodyczne dla nauczycieli wychowania obywatelskiego w klasie VIII. (Directory on Teaching Methods for Teachers of Citizenship Education in the 8th Grade). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 112 pp.

A book for teachers of citizenship education on ways and methods which can secure a proper realization of the program. Contains also plans of model lessons, bibliography of sources and facilities to be used, division of the program material, etc.

704. PAJĄCZKOWSKA, MARTA. Wystawa dzieł sztuki na terenie szkoły. (School Art Exhibitions). Plastyka w Szkole. VII No. 4 (59) pp. 88-94.
The author discusses educational values of art exhibitions in schools, on the example of "Warsaw in art" exhibition organized by the National Museum in a primary school in Podkowa Leśna, a small town in the vicinity of Warsaw.

705. Praca z książką w klasach I-IV. (Work with Books in Grades 1-4 of Primary School). Życie Szkoły. XXII 1967 No. 5 (231) pp. 7-16.
Contents:

1. Krystyna Olszanowska. Books in the 1st Grade.
2. Mirosław Huszcz. The 2nd Grade Library.
3. Anna Wróbel. Educational Values of Reading in the 3rd Grade.
4. J. Elżbieta Bednarek. Books in the 4th Grade.

706. RACINOWSKI, SATURNIN. Zadania kontroli i oceny w nauczaniu początkowym. (Tasks of Correcting and Grading in Elementary Education). Życie Szkoły. XXII 1967 No. 5 (231) pp. 1-5.
An analysis of the role of correcting and grading pupils' work. The author discusses the educational aspect of grading, conceived more as an encouragement than appraisal, in preschool and primary education.

707. SŁOMKIEW . Prace konstrukcyjno-techniczne uczniów. (Pupils' Construction and Technical Works). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych. 1966. 184 pp.
The work is based on the investigation conducted by the author in grades 5-7 of primary school. The aim of the investigation was to establish pupils' ability to solve constructional problems and to find a correlation between construction exercises and the efficiency of teaching of physics and technical education.

708. TUŁODZIECKA, IRENA. Prace społecznie użyteczne w szkole podstawowej. (Social Works in Primary Schools). Problemy Opiekuńczo-Wychowawcze. 1967 No. 4 (107) pp. 3-6.
An article on the necessity of developing social awareness of the child. The author discusses the following aspects of the pro-

blem: sense of belonging and social interdependence, knowledge of social norms, understanding of social relations, the individual's attitude to society, realization of socialist norms of behavior, fulfilment of the child's desire for activity, etc.

709. WĘGRZYNOWICZ, JACEK. O projektowaniu technicznym w szkole. (Technical Designing in Schools). Wychowanie Techniczne w Szkole. VII 1967 No. 5 (60) pp. 130-133.
The author discusses the role of technical designing in the technical education program. Methods of conducting classes of technical designing, and their aim are presented.

See also: 609, 662, 668

Secondary

710. DĄBROWSKI, ZYGMUNT. Nowy program liceum wchodzi w życie. (The Introduction of a New Program to High Schools). Wychowanie Techniczne w Szkole. VII 1967 No. 5 (60) pp. 126-129.
The author discusses a new program of technical education which is to be introduced to high schools in September, 1967. He discusses aims of this subject, teaching methods, the program structure, teachers' qualifications and school equipment necessary for the realization of the program.

711. DOLECKI, PAWEŁ. Rozkład materiału nauczania. (Division of the Program Material). Wychowanie Techniczne w Szkole. VII 1967 No. 5 (60) pp. 141-145.
The author presents a model division of the program material and the schedule of classes of technical education in the first grade of an experimental high school in Bydgoszcz.

712. KORNACKA, A. and WNUKOWA, A. Zdasz maturę ... i co dalej? (Graduation ... Then What?) Warszawa, Państwowe Zakłady Wydawnictw Szkolnych,1967. 116 pp.
Directory for graduates of secondary schools, containing information on all kinds of advanced (university, vocational, extramural) studies. Includes information on the needs of national economy for specialists.

713. KURJANIUK, JERZY. Uwagi o laboratoriach językowych. (Remarks on Language Laboratories). Języki Obce w Szkole. XI 1967 No. 3 (55) pp. 143-155.
Contents:
1. Kinds of Language Laboratories.
2. Linguistic Tape-Recorder.

3. School Laboratories.
4. Central Emittance of the Program.
5. Audio-Visual Laboratories.
6. Technical Section.
7. Conclusions.

714. NALEPIŃSKI, WIESŁAW. Wychowanie obywatelskie w szkole średniej. [R.E.] (Citizenship Education in High Schools). Ruch Pedagogiczny. IX(XLI) 1967 No. 3 pp. 310-317.

An article on a new subject in the high school program, citizenship education. The author discusses the program material, presents tasks of the subject and its role in the educational process, and recommends teaching methods.

715. ORACZ, ANDRZEJ. Wychowawcze progi. (Educational Tresholds). Problemy Opiekuńczo-Wychowawcze. 1967 No. 5 (108) pp. 11-15.

The discrepancy between standards of secondary and advanced studies, however undesirable, is an acknowledged fact in Polish education. The author urges the necessity of a public discussion on methods of liquidating this discrepancy. High school graduates should be really "mature", as well as prepared for life in the society, whether they intend to pursue their studies, or not, argues the author.

716. PĘCHERSKI, MIECZYSŁAW. Funkcja diagnostyczna liceum ogólnokształcącego. (High School Diagnoses). Życie Szkoły Wyższej. XV 1967 No. 4 pp. 54-63.

The author discusses the role of high schools in preparing students for advanced studies. The rapid development of secondary education lowers its level thus leading to a growing discrepancy between the standard of high school graduates and university requirements. Some kind of a reform of the present system seems necessary; the author discusses various theories on the subject as well as organizational system in other countries.

717. PREJBISZ, ANTONI. Koncepcja zespołu materiałów do nauki języka obcego. (The Conception of the Teaching Facilities Set in Foreign Languages Teaching). Języki Obce w Szkole. XI 1967 No. 2 (54) pp. 80-84.

The author discusses one aspect of the modern approach to foreign languages teaching introduced recently to Polish high school, namely the selection of a set of teaching facilities, aids and materials supplementing the teaching program and textbooks.

718. SIMLA, TAMARA. W poszukiwaniu metod nauczania języka łacińskiego w zreformowanym liceum. (In Search of Methods of Teaching Latin in the Reformed High School). Języki Obce w Szkole. XI 1967 No. 3(55)pp. 177-184.

Contents:

1. Motivation of an Investigation on the Subject.
2. Presentation of an Experimental Grade Investigated.
3. The Problem Method.
4. Organization of a Class.
5. Control Tests.
6. Bibliography.

719. WERNEROWA, J. Doświadczenia i obserwacje zoologiczne w szkole. (Zoological Experiments and Observations in Schools). 2nd Revised Edition. Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 136 pp.

A book for teachers containing advice as to the methods of conducting practical exercises in biology, in accordance with the new school program of this subject. Contains a discussion of various difficulties encountered by teachers in the realization of the program, and of ways of overcoming these difficulties.

720. WOŹNICKI, TADEUSZ. Koncentracja, czyli "mocne uderzenie" w nauczaniu języków obcych. (Intensification, or "Big Beat" in Foreign Languages Teaching). Języki Obce w Szkole. XI 1967 No. 2 (54) pp. 85-89.

The author presents main elements of the intensive method of foreign languages teaching, i.e. concentration in time (many class hours a week), frequent repetitions of program material, intensification of grammar drill, etc. He also discusses advantages of this method.

721. ZAWACKA, ELŻBIETA. Płynność elementu uczniowskiego w liceum korespondencyjnym. (Fluctuation of Pupils in the Correspondence High Schools). Kwartalnik Pedagogiczny. XII 1967 No. 1 (43) pp. 169-179.

Contents:

1. Efficiency of Teaching in the Toruń High School in the Years 1958-1962.
2. The "Movement" of Pupils in the Years 1958-1962.
3. Number of Pupils Promoted to Next Grades.
4. The Impact of Consultation with Teachers on Pupils' School Progress.
5. An Analysis of the Results Obtained.

Secondary: 602, 603, 609, 756, 776

Vocational

722. Chemia. Kl. 1-2. (Chemistry. Grades 1-2). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 41 pp.
A program of teaching chemistry in grades 1-2 of secondary vocational schools, prepared by the Ministry of Education and Higher Education.

723. Fizyka. Kl. 1-2. (Physics. Grades 1-2). Warszawa Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 25 pp.
A program of teaching physics in grades 1-2 of secondary vocational schools, prepared by the Ministry of Education and Higher Education.

724. Fizyka. (Physics). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 27 pp.
A teaching program of physics prepared by the Ministry of Education and Higher Education for two-year vocational schools.

725. Fizyka. (Physics). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 40 pp.
A teaching program of physics prepared by the Ministry of Education and Higher Education for secondary vocational schools.

726. Geografia gospodarcza. Kl. 3-4. (Economic Geography. Grades 3-4). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 23 pp.
A program of teaching economic geography in grades 3-4 of vocational schools, prepared by the Ministry of Education and Higher Education.

727. Geografia gospodarcza. (Economic Geography). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 18 pp.
A teaching program of economic geography prepared by the Ministry of Education and Higher Education for two-year vocational schools.

728. Język Polski. Kl. 1-2. (The Polish Language. Grades 1-2). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 36 pp.
A program of teaching the Polish language in grades 1-2 of vocational schools, prepared by the Ministry of Education and Higher Education.

729. Język polski. (The Polish Language). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 40 pp.

A teaching program of the Polish language prepared by the Ministry of Education and Higher Education for three-year vocational schools.

730. KUROWSKI, HENRYK and MOROZ, KAZIMIERZ. "Elementy Nauk Pedagogicznych" w technikum budowlanym. (Elements of Pedagogy in Vocational Schools of Architecture). Ruch Pedagogiczny. IX(XLI) 1967 No. 3 pp. 352-360.
Contents:
1. The Necessity of Introducing Elements of Pedagogy to Vocational Schools.
2. Teaching Program of Elements of Pedagogy.
3. Experimental Testing of the Introduction of Elements of Pedagogy to Vocational Schools.
4. Conclusions and Proposals.

731. LEWANDOWSKI, STANISŁAW. Nowoczesność kontra tradycji. (Modern vs Traditional). Szkoła Zawodowa. 1967 No. 5 (278) pp. 19-21.
The author discusses advantages and disadvantages of modern and traditional systems of vocational training. The question whether vocational schools should train workers in narrow specializations, or whether they should give their pupils broad technical knowledge seems to be still open.

732. LEWANDOWSKI, STANISŁAW. O wyższy poziom kwalifikacji kadry robotniczej. (For the Improvement of Workers' Qualifications). Szkoła Zawodowa. 1967 No. 6 (279) pp. 9-12.
Contents:
1. Mechanical Appliances do not Suffice.
2. Nomenclature of Professions.
3. Qualification Requirements.
4. The Importance of a Method.

733. LOKAJ, PAWEŁ. Jakość uczenia się uczniów zasadniczej szkoły zawodowej. (Study Efficiency of Vocational School Pupils). Chowanna. XI(XXII) 1967 No. 2 pp. 137-151.
Contents:
1. The Notion of Studies.
2. Research Methods.
3. Research Results.
4. Conclusions.
5. Bibliography.

734. Matematyka. (Mathematics). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 18 pp.
A teaching program of mathematics prepared by the Ministry of Education and Higher Education for two-year vocational schools.

735. Matematyka. Kl. 1-5. (Mathematics. Grades 1-5). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 31 pp.

A program of teaching mathematics in grades 1-5 of vocational schools prepared by the Ministry of Education and Higher Education.

736. RADWIŁOWICZ, RYSZARD. Konferencja poświęcona problematyce i metodom badań nad kształceniem zawodowym. (Conference on the Problems and Methods of Research on Vocational Education). Kwartalnik Pedagogiczny. XII 1967 No. 2 (44) pp. 183-189.

A report on the conference on the research on vocational education, organized by the Institute of Pedagogy, in November, 1966. The main research problems discussed were: aims of vocational education, compatibility of aims and program, structure of the program methods and conditions of teaching, selection of pupils and study method, teachers' qualifications.

737. RUKA, HENRYK. Szkolnictwo przyzakładowe resortu B i PMB w latach 1966-1970. (Factory Schools of the Ministry of Building and the Building Material Industry in the Years 1966-1970). Szkoła Zawodowa. 1967 No. 6 (279) pp. 27-29.

The author presents plans for the further development of factory schools of building industry. He discusses the following problems: changes in the organization of training and in the teaching methods, school equipment, forms of training, educational tasks, supervision of the schools by factory management.

738. SKONIECZNY, MIECZYSŁAW. Zasadnicze szkoły elektryczne w przededniu reformy szkolnej. (Vocational Electric Schools before the School Reform). Szkoła Zawodowa. 1967 No. 5 (278) pp. 22-25.

Contents:

1. Graduates of Vocational Electric Schools.
2. Program Documentation.
3. Electrotechnology as an Experimental Science.
4. Teacher - Electrician.

739. SOCHA, MARIAN. O wyższy poziom szkolenia kursowego NOT. (For the Improvement of Training Courses Organized by the Main Technical Organization). Szkoła Zawodowa. 1967 No. 6 (279) pp. 23-24.

A report on the educational materials recently published by the Main Technical Organization. They concern: organization, legal status, program and teaching methods of vocational training courses for technical staff.

740. SOSNOWSKI, TEOFIL. O kształceniu zawodowym w Polsce Ludowej. (Vocational Education in Poland). Warszawa, Państwowe Zakłady Wydawnictw Szkolnych, 1967. 231 pp.

Information on the role of vocational education in the Polish educational system. The author discusses the development of vocational education in Poland, relations between vocational and high schools, preparation of primary school graduates for vocational training, and differentiation of vocational schools in accordance with economic and social needs of the country.

741. Szkolenie wewnątrzzakładowe w pracach Komisji CRZZ do Spraw Oświaty i Kwalifikacji Zawodowych. (Institutional Training Program of the Committee for Education and Vocational Training at the Main Council of Trade Unions). Szkoła Zawodowa. 1967 No. 6 (297) pp. 18-20.

A presentation of the institutional training program and its role in the improvement of workers qualifications. Plans for the further development of this program are also discussed.

742. WIECZOREK, TADEUSZ. Rozwój niższego szkolnictwa rolniczego w Polsce Ludowej. (Development of Lower Agricultural Education in the Post-War Poland). Kwartalnik Pedagogiczny. XII 1967 No. 2 (44) pp. 81-97.

A historical sketch on the development of lower agricultural education in Poland since 1944 up to the present. Statistical data and their analysis are included.

743. WÓJCIK, ELIGIUSZ. Problemy przyzakładowych szkół zawodowych dla młodzieży pracującej. (Problems of Factory Vocational Schools for Young Workers). Oświata Dorosłych. XI 1967 No. 6 (85) pp. 318-321.

The author presents the organization and development of factory vocational schools for young workers. The equipment and facilities of these schools as well as their educational functions are discussed. Plans for the improvement of this kind of vocational training are included.

744. Wychowanie fizyczne. Kl. 1-3. (Physical Education. Grades 1-3). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 59 pp.

A program of teaching physical education in grades 1-3 of vocational schools, prepared by the Ministry of Education and Higher Education.

745. Wychowanie fizyczne. (Physical Education). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 54 pp.
A teaching program of physical education prepared by the Ministry of Education and Higher Education for two-year vocational schools.

746. Wychowanie fizyczne. (Physical Education). Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 71 pp.
A teaching program of physical education prepared by the Ministry of Education and Higher Education for secondary vocational Schools.

747. Zawód - piekarz. (Profession: Baker). Edited by Helena Pańskowska. Warszawa, Państwowe Wydawnictwo Szkolnictwa Zawodowego, 1967. 12 pp.
A teaching program prepared by the Ministry of Education and Higher Education for vocational schools for bakers.

See also: 602, 603, 609, 648

Higher

748. CZERMIŃSKI, ALFRED. Zagadnienie współpracy katedr ekonomiki przedsiębiorstwa z przemysłem. (Cooperation between Departments od Economics of Business and Industry). Życie Szkoły Wyższej. XV 1967 No. 2 pp. 53-59.
The author presents forms of cooperation between the Advanced School of Economics in Sopot and industrial enterprises (dockyards, fishing companies, etc.) on the coast. He also discusses ways of further development of this cooperation.

749. CZYŻYK, KAZIMIERZ. Dobór kandydatów na studia wyższe na rok szkolny 1966/67. Recruiting Students for Advanced Studies in the School Year 1966/67). Życie Szkoły Wyższej. XV 1967 No. 4 pp. 78-91.
A report prepared at the Ministry of Education and Higher Education on the recruitment of students for advanced studies in the school year 1966-67. Contains the following sections:

1. new "additional points" system (additional points for: good results in high schools and/or social background),
2. examination experiments,
3. anonymous examinations,
4. applications and acceptance limits,
5. high school careers of accepted candidates,

6. social background of accepted candidates,
7. entrance examinations results,
8. candidates' preparation for advanced studies,
9. cooperation of high schools and universities in the recruitment of students.

750. CZYŻYK, KAZIMIERZ. Wyniki doboru kandydatów na studia wyższe w 1966 r. (Results of Selecting Candidates for Advanced Studies in 1966). Nowa Szkoła. 1967 No. 5 pp. 10-16.

An analysis of the last year system of selecting candidates for advanced studies. Following problems are discussed: the number of applications and the number of acceptances, methods of improving the entrance examinations procedure, the problem of vocational information and orientation.

751. DOBROSIELSKI, MARIAN. Kadry filozofów. (Young Philosophers). Trybuna Ludu. XX 1967 No. 181 (6649) p. 4.

An article written by the Dean of the Department of Philosophy at Warsaw University, on the motivation for and characters of the reorganization of studies of philosophy in Poland.

752. FALSKI, MARIAN. Zaczęło się do "filozofii dwój". (It Started with the "Philosophy of Failures"). Życie Literackie. XVII 1967 No. 31 (809) pp. 1 and 5.

The preparation of candidates for advanced studies was this year much worse than in previous years. The author tries to explain reasons for this undesirable phenomenon which he sees in disorganization of a grading system recently publicly discussed in the Polish press.

753. GIEYSZTOR, ALEKSANDER. Problemy reformy studiów uniwersyteckich i wyższych szkół pedagogicznych. (Problems of the Reform of Studies at Universities and Advanced Schools of Pedagogy). Życie Szkoły Wyższej. XV 1967 No. 4 pp. 11-22.

Extensive fragments of a paper presented by the Chairman of the University Studies Section of the Main Council of Higher Education, Professor Aleksander Gieysztor at the University Presidents' Conference, held in February, 1967. The paper presents reforms already introduced to programs of some university department, as well as plans for further changes in this field.

754. Informator. Skład osobowy i program studiów. Wyższa Szkoła Wychowania Fizycznego we Wrocławiu. Na r. ak. 1966/67. (Directory. Program and Teaching Staff Index of the Advanced School of Physical Education in Wrocław for the Academic Year 1966-67). Edited by Zbigniew Skrocki and others. Wrocław, 1966. 57 pp.

755. JABŁOŃSKI, HENRYK. Oświata i szkolnictwo wyższe podstawą rozwoju kultury. (Schools and Higher Education as a Basis of the Development of Culture). Życie Szkoły Wyższej. XV 1967 No. 1 pp. 3-14.

A speech delivered by the Minister of Education and Higher Education, Professor Henryk Jabłoński, at the Congress of Polish Culture. The subject of the speech is the role of education in the social development of the country, or more specifically the role of the humanities as a basis of all progress.

756. JASICKI, ZBIGNIEW. Ocena wyników doboru kandydatów na I rok studiów. (Results of the Recruitment of Students for Advanced Studies). Życie Szkoły Wyższej. XV 1967 No. 23-40.

A paper presented by the President of Poznań Polytechnic (Technical University) at the conference of technical university presidents, held in 1967. The author discusses the results of the present system of recruiting students for Poznań Polytechnic and proposes some improvements to it, such as the introduction of intelligence tests to the entrance examinations schedule, and a division of the last grades of high schools into specialized sections (humanistic, mathematical, biological, etc.)

757. JEWSIEWICKI, WŁADYSŁAW. Uwagi na temat kształcenia historyków nauki. (Remarks on the System of Training Historians of Science). Życie Szkoły Wyższej. XV 1967 No. 3 pp. 46-55.

An extended text of a paper presented at the 11th International Congress of the History of Science, held in August 1965, in Warsaw. The author starts with an analysis of the role of the history of science and the need for special studies in this discipline, and then proceeds to a discussion on the forms, organization and program of a special university department training historians of science.

758. KACZMARSKI, STANISŁAW P. Z badań nad efektywnością nauczania języków obcych w Politechnice Warszawskiej. (Efficiency of Foreign Languages Teaching at Warsaw Polytechnic). Życie Szkoły Wyższej. XV 1967 No. 1 pp. 88-99.

The author starts his article with a discussion on the role and character of teaching foreign languages at advanced technical schools, and then proceeds to a presentation of an investigation on the efficiency of foreign languages teaching conducted at Warsaw Polytechnic (Technical University).

759. KLAFKOWSKI, ALFONS. Prawo międzynarodowe w nowym programie studiów. (International Law in the New Program of Studies). Życie Szkoły Wyższej. XV 1967 No. 2 pp. 14-21.

A paper presented at the conference of the international law departments, September, 1966. The following problems are discussed:

1. international law in the study program of law,
2. teaching program of international law,
3. plan of research on international law, 1966-70,
4. scope and methods of the research on international law.

760. KLIMASZEWSKI, MIECZYSŁAW. Rozwój badań naukowych a unowocześnienie struktury uniwersytetów. (Development of Scientific Research and the Modernization of the University Structure). Życie Szkoły Wyższej. XV 1967 No. 4 pp. 3-10.

Extensive fragments of a paper presented by the President of Jagiellonian University, Professor Mieczysław Klimaszewski at the University Presidents' Conference, held in February, 1967. The thesis of the paper is the necessity of developing the scientific research program at advanced schools recently slightly neglected because of the growing educational tasks of universities.

761. KOSIEWICZ, TADEUSZ. Niektóre problemy współdziałania uczelni technicznej z przemysłem. (Some Problems of the Cooperation between Technical Schools and Industry). Życie Szkoły Wyższej. XV 1967 No. 2 pp. 46-52.

The thesis of the article is an absolute interdependence of technical science and industry. To make this interdependence effective and profitable the author proposes to change the conditions of work of scientific staff in technical schools, to improve laboratory equipment, and to modernize, generally and radically, the organization of advanced technical schools.

762. KWIECIŃSKI, ZBIGNIEW. Opinie studentów o przyczynach niepowodzeń na egzaminach. (Students' Opinions on Examination Failures). Życie Szkoły Wyższej. XV 1967 No. 2 pp. 82-87.

The author presents the results of an investigation on reasons of students' failures in examinations, conducted at the two first years of studies in the Department of Mathematics, Physics and Chemistry at the Mikołaj Kopernik University in Toruń, in the academic year 1965-66.

763. MATEJKO, ALEKSANDER. Sprawność uczelni jako systemu społecznego. (Efficiency of University as a Social System). Życie Szkoły Wyższej. XV 1967 No. 1 pp. 105-112.

The author presents the results of the investigation of the social structure of universities, conducted by the Institute of Research on Higher Education. Plans for further investigation, and possibilities of a practical application of the results of the present one, are also discussed.

764. NAHLIK, STANISŁAW. O ćwiczeniach z prawa międzynarodowego publicznego. (Classes in Public International Law). Życie Szkoły Wyższej. XV 1967 No. 2 pp. 22-28.

The author discusses three types of classes in public international law: a lecture-type class, the repetition of a textbook class, a discussion class.

765. PANKIEWICZ, STANISŁAWA. O efektywności nauczania matematyki w zespołach studenckich. (On the Efficiency of Teaching Mathematics in Students' Groups). Warszawa, Państwowe Wydawnictwo Naukowe, 1967. 75 pp.

A report on an investigation on the efficiency of teaching mathematics conducted by the Institute of Research on Higher Education at the Silesian Polytechnic (Technical University). The efficiency of teaching in small groups of students at practical classes was investigated.

766. Plan studiów i programy nauczania. Wydział Lekarski. 1 i 2 rok studiów. R.ak. 1966/67. (Plan and Program of Studies for the First Two Years at the Medical Department in the Academic Year 1966-67). Warszawa, Państwowy Zakład Wydawnictw Lekarskich, 1966. 56 pp.

Plan of studies and teaching programs at the Medical Departments prepared by the Ministry of Health and Social Welfare for medical academies.

767. Reforma złotego środka. (The Golden Means Reform). Służba Zdrowia. 1967 No. 29 (931) p. 1.

A report on the reform of studies at the stomatology departments of medical academies. The "golden means" reform is a compromise between specialized and general studies.

768. Rektorzy oceniają egzaminy wstępne. (University Presidents on University Entrance Examinations). Życie Warszawy. XXIV 1967 No. 166 (7382) pp. 1 and 5.
A press report on the university presidents' opinion on this year university entrance examinations. All interrogated presidents said that the candidates' preparation for studies, and examinations results (especially in mathematics) were worse than in previous years.

769. ROGALSKA, KRYSTYNA. U progu Almae Matris. (On the Treshhold of Almae Matris). Głos Nauczycielski. L 1967 No. 30 pp. 5-6.
A report by a correspondent of the Głos Nauczycielski weekly on entrance examinations at the Jagiellonian University in Cracow. The author discusses discrepancies between candidates' grades in high school reports and results of their entrance examinations, as well as the organization of the examinations.

770. RYBARCZYK, MARIA. I matura, i chęć szczera. (Final High School Examinations and Good Will). Głos Nauczycielski. L 1967 No. 30 pp. 4-5.
A report by a correspondent of the Głos Nauczycielski weekly on entrance examinations at the Adam Mickiewicz University in Poznań. The author discusses the following problems: high school program and university requirements, candidates' ability for independent thinking, teachers' recmmendation of candidates.

771. SADOWSKI, WIESŁAW. Szkoła Główna Planowania i Statystyki - wczoraj i dziś. (The Main School of Planning and Statistics in the Past and in the Present). Życie Szkoły Wyższej. XV 1967 No. 1 pp. 54-64.
Extensive fragments of a speech by the President of the Main School of Planning and Statistics, delivered at the inauguration of the academic year 1966-67, at the school. A sixty - year - old historoy of the school is presented, its contemporary situation and role discussed.

772. SCHAFF, ADAM. O przyszłości uniwersytetu. [R.E.] (On the Future of Universities). Kwartalnik Pedagogiczny. XII 1967 No. 2 (44) pp. 13-21.

The author discusses dangers inherent in the disintegration of human knowledge as well as remedies for these dangers. He sees the latter in the return to the traditional concept of the *universitatis litterarum* as an institution comprising the entire human knowledge and prompting a harmonious development of man's personality.

773. *Skład osobowy i program wykładów. Politechnika Łódzka. Na r. ak. 1966/67.* (Program and Teaching Staff Index of the Łódź Polytechnic (Technical University) for the Academic Year 1966-67). Łódź, 1966. 379 pp.

774. *Skład osobowy. Szkoła Główna Gospodarstwa Wiejskiego w Warszawie. Na r.ak. 1966/67.* (Teaching Staff Index of the Main School of Agriculture for the Academic Year 1966-67). Warszawa, Dział Wydawnictw SGGW, 1967. 150 pp.

775. STAROŚCIAK, JERZY. *Założenie perspektywicznego planu rozwoju nauk administracyjnych.* (Plan for the Development of Administrative Sciences). Życie Szkoły Wyższej. XV 1967 No. 3 pp. 32-45.

Contents:

1. Bases for the Organization of Developmental Plan.
2. Notions and Scope of Administrative Activity and Scientific Research.
3. The Present Situation in Research and Development.
4. New Research Subjects.
5. Realization of the Plan.

776. *Szkoła średnia - szkoła wyższa.* (High Schools and Universities). Głos Nauczycielski. L 1967 No. 26 pp. 6-7.

A summing-up of a discussion in the columns of the *Głos Nauczycielski* weekly on the relations between secondary and advanced education. The following problems were discussed: integration of secondary and advanced education, demands to be fulfilled by high schools, university entrance examinations, the freshman year.

777. TABORSKI, WALERY. *Niektóre wskaźniki rozwoju szkolnictwa wyższego na rok 1967.* (Indexes of the Development of Higher Education in 1967). Życie Szkoły Wyższej. XV 1967 No. 2 pp. 2-13.

The author discusses the following elements of the development of higher education (data given for 1967):

1. number of students,
2. freshmen of extramural studies,

3. consultation centers,
4. postgraduate studies,
5. studies abroad,
6. foreign students in Poland,
7. scientific staff,
8. students' living conditions,
9. scholarships.

778. WOJEWÓDZKI, EDWARD. Analiza kosztów kształcenia w akademiach medycznych. (Analysis of the Costs of Training in Medical Academies). Warszawa, Państwowe Wydawnictwo Naukowe, 1967. 78 pp.

A publication prepared by the Institute of Research on Higher Education at the Ministry of Education and Higher Education. Contains an analysis of the costs of medical training in Poland.

779. W pracowniach Zakładu. (Works of the Institute of Research on Higher Education). Życie Szkoły Wyższej. XV 1967 No. 1 pp. 113-118.

Contents:

1. B. Rajewska, Investigation of Scientific Staff of Advanced Schools in Warsaw.
2. Andrzej Radźko. Investigation of the Efficiency of the TV Courses for Candidates for Extramural Technical Studies.

780. ZALEWSKA-TRAFISZ, HALINA. Problemy badania efektywności kształcenia za granicą kadr naukowych. (Problems of Investigation on the Efficiency of Foreign Studies of Polish Scientific Staff). Życie Szkoły Wyższej. XV 1967 No. 2 pp. 67-72.

The author presents the opinion of the Ministry of Education and Higher Education on the Polish scientific staff's studies abroad. The present situation is discussed, programs for the future presented.

781. ZAWADZKA, ANNA. Zainteresowania a wybór kierunku studiów. (Individual Interests and the Choice of Studies). Życie Szkoły Wyższej. XV 1967 No. 2 pp. 73-81.

The author presents the results of an investigation on the correlation of individual's interests and the choice of studies. The investigations was conducted at the Polish Department of the Bolesław Bierut University in Wrocław, and in the last grade of high schools in Lower Silesia.

782. ZUBRZYCKI, MICHAŁ. Sprawność kształcenia w szkołach wyższych. (Efficiency of Teaching in Higher Education). Życie Szkoły Wyższej. XV 1967 No. 4 pp. 102-113.

A work prepared at the Institute of Research on Higher Education. Contains formulas and methods of investigating and appraising the efficiency of teaching at universities and other advanced schools.

See also: 617, 639, 643, 678, 679, 686

Adult

783. BĄK, JÓZEF. *Zespoły przedmiotowe - stan obecny i perspekty rozwoju.* (Subject Study Groups - Present Situation and Developmental Plans). Oświata Dorosłych. XI 1967 No. 5 (84) pp 251-256.

The author analyzes the opinions of students and teachers on the subject study groups, a special form of high schools for adults, where the program is divided into three one-year study periods. This form of studies is still in its experimental stage, yet is seems entirely successful.

784. CMOLUCH, LUCJAN. *Szkolnictwo korespondencyjne w Polsce Ludowej.* (Correspondence Schools in Poland). Oświata Dorosłych. XI 1967 No. 5 (84) pp. 240-245.

The author presents a short history of correspondence schools in Poland (with special attention given to the war years), and discusses the specific character of this type of instruction. He analyzes the most effective forms of work with correspondence students.

785. *Koła Młodzieży Wiejskiej.* (Rural Youth Clubs). Warszawa, Iskry, 1967. 192 pp.

A sociological study on social conditions of the activities of the Union of Rural Youth. A book for educators in rural districts.

786. KRAJEWSKA, KAROLINA. *Bibliografia oświaty dorosłych za okres 1-31.III.1967 r.* (Bibliography of Adult Education, for March, 1967). Oświata Dorosłych. XI 1967 No. 5 (84) pp. 279-280.

Contents:
1. General Problems.
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